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December 13, 2001

EX PARTE

Ms. Magalie Salas
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: CC Docket No. 01-277

Dear Ms. Salas:

On December 12, 2001, Jan Funderburg, Ernest Bush, Jonathan Banks, Bill Stacy, Al Varner, Glenn Reynolds, Bob Blau, and I, representing BellSouth, met with Dorothy Attwood, Chief of the Common Carrier Bureau, and her staff. Bureau staff attending the meeting included: Jeffrey Carlisle; Michele Carey; Kathy Farroba; Chris Libertelli; Jessica Rosenworcel; Renee Crittendon; Aaron Goldberger; Daniel Shiman; and Ian Dillner. Michael Weeks, Partner at KPMG with responsibility for overseeing the Georgia Third-Party Test of BellSouth's OSS participated in the meeting by telephone. Attached to this notice are documents used during our presentation. Attachment A presents timelines related to introduction of evidence concerning BellSouth's implementation of Telephone Number migration (TN Migration). Attachment B is a spreadsheet comparing the testing of integration capability of CLECs using SBC's OSS in Texas with KPMG's efforts in the Georgia Third-Party test.

During the meeting we discussed the information BellSouth had placed in the record demonstrating its successful deployment of TN migration, a functionality that significantly reduces the information that a CLEC must include on local service requests (LSRs) it submits for UNE-P, and consequently the likelihood that errors will lead to the LSRs rejection. [1]

[1] See Letter from Kathleen B. Levitz, Vice President-Federal Regulatory, BellSouth, to Magalie Salas, Secretary, FCC, filed on November 21, 2001; Letter from Kathleen B. Levitz, Vice President-Federal Regulatory, BellSouth, to Magalie Salas, Secretary, FCC, filed on December 7, 2001.

We also discussed the evidence that BellSouth had adduced to demonstrate that CLECs can integrate their pre-ordering and ordering interfaces, as well as evidence of such ability that CLECs themselves had placed in the record.[2] We then reviewed the evidence to be found in the final Report for the Third-Party Test Master Test Plan demonstrating that: (1) KPMG had successfully parsed information it received from pre-order inquiries it had placed to BellSouth, including information from Customer Service Records, or CSRs; (2) KPMG stored that parsed information in its database; and (3) KPMG successfully used that parsed information to prepare and submit local service requests, or LSRs. Mr. Stacy shared Attachment B, which set forth the steps KPMG had taken during the test that demonstrated its ability to integrate pre-ordering and ordering interfaces as well as the places in the KPMG Final Report on the Third-Party Test submitted to the Georgia Commission in March, 2001, that describe these steps. Mr. Weeks explained that the logistics of completing the volume of orders necessary to test the adequacy of BellSouth's pre-ordering and ordering OSS capabilities required KPMG to develop the ability to parse information received when KPMG performed pre-ordering queries so that this information could be stored in its back office data storage systems and then used to populate LSRs electronically. He added that KPMG was able to do this successfully using BellSouth documentation existing at the time, *i.e.,* the BellSouth Leo-IG.

I am filing two copies of this notice and the attachments described above, as required by Section 1.1206(b)(2) of the Commission's rules, and request that you associate this notice with the record of the proceeding identified above. Thank you.

Sincerely,

Kathleen B Levitz

Kathleen B. Levitz

Attachments

cc: Dorothy Attwood
Jeffrey Carlisle
Michele Carey
Kathy Farroba
Jessica Rosenworcel

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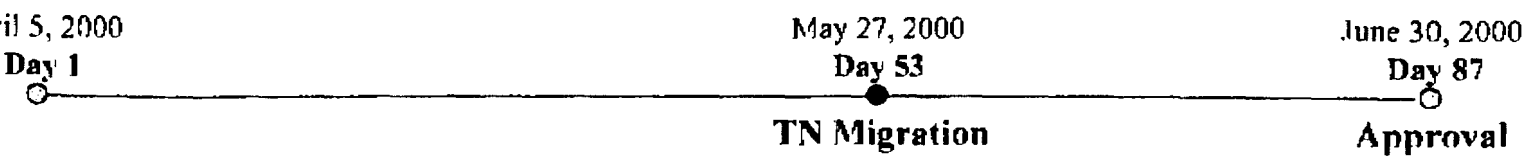
[2] See written *ex parte* filed with the Secretary, Federal Communications Commission by Bob D. Crenshaw, Jr., President, Exceleron Software and GoComm on November 28, 2001; written *ex parte* filed with the Secretary, Federal Communications Commission by Alan L. Creighton, President and CEO, Momentum Business Solutions, Inc., on December 4, 2001 and written *ex parte* filed with the Secretary, Federal Communications Commission by Rodney Paige, Vice-President, Marketing & Strategic Development, Access Integrated Networks on December 7, 2001.

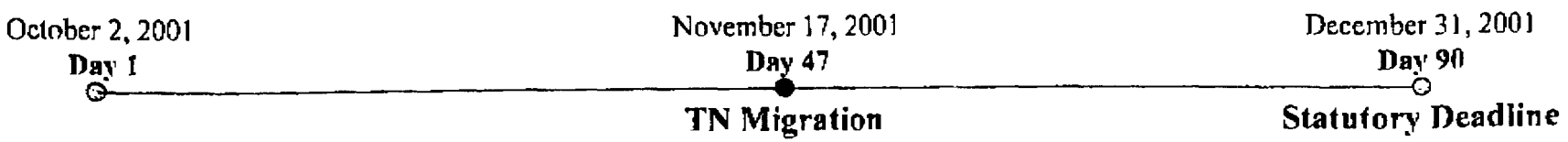
Renee Crittendon
Daniel Shiman
Chris Libertelli
Aaron Goldberger
Ian Dillner
Chairman Powell
Kyle Dixon
Commissioner Abernathy
Matt Brill
Commissioner Copps
Jordan Goldstein
Commissioner Martin
Monica Shah Desai
Susan Pié
James Davis-Smith

Comparison of TN Migration Evidence

Southwestern Bell – Texas (Second Application)

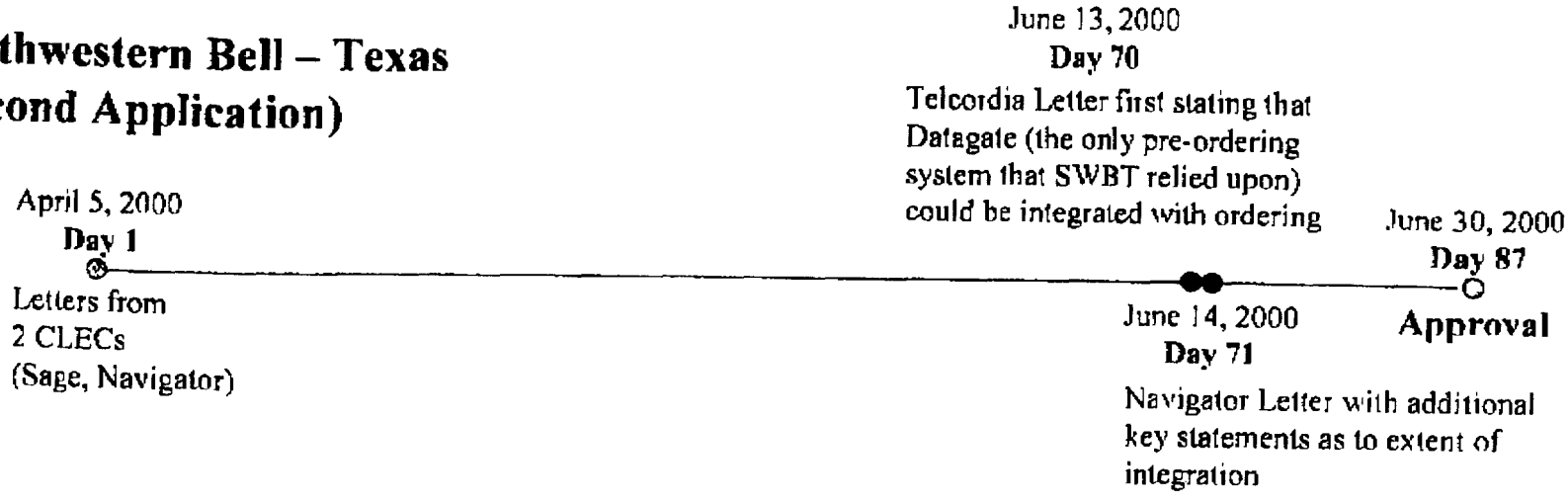


BellSouth – Georgia/Louisiana

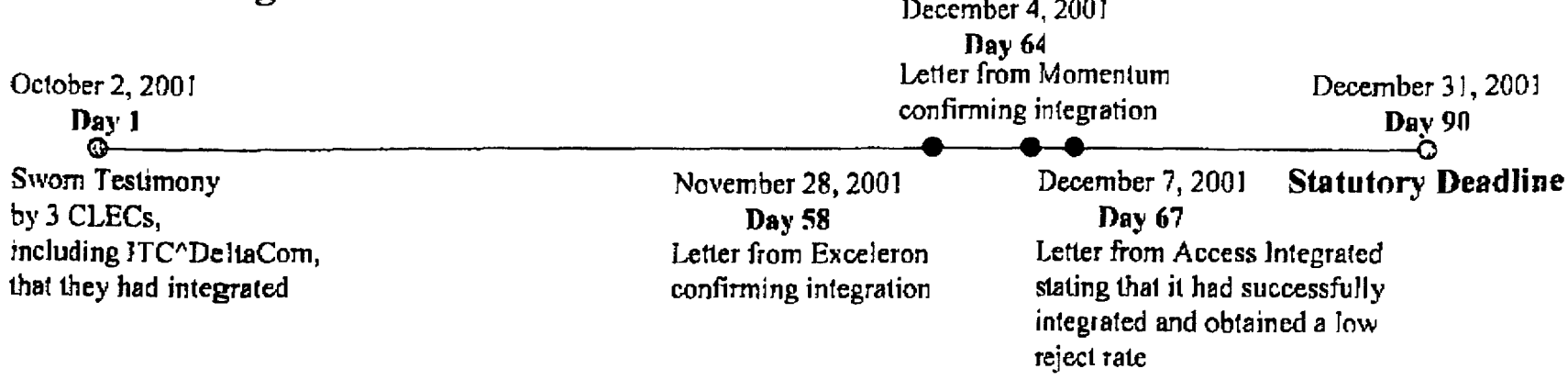


Comparison of CLEC Integration Evidence

Southwestern Bell – Texas (Second Application)



BellSouth – Georgia/Louisiana



GA Third Party Test comparison to TX Telcordia Test (Integration of Pre-Ordering and Ordering)

	KPMG - GA Third Party Test	Telcordia - TX Third Party Test
	(Ordering and Provisioning Functional Test)	**(Process Simulator)**
1	Build a relational database containing tables for storing test bed CSR information *(Table V-1.2 Data Source for EDI Functional Test, Initial State CSRs pg V-A-4) (O&P_PreCSR.mdb)*	Build a relational database containing tables for Account, Service, Directory, and other detailed information such as USOCs.
2	Obtain Information from designated Pre-Order Responses *(Table V-1.1 Test Target Cross Reference, pg V-A-3)*	Develop Script to query SWBT for Customer information and Obtain Information from Customer Service Inquiry (CSI)
	Service Availability Query *(Table V-1.4 Integration Test Evaluation Criteria and Results)*	
	Appointment Availability Query *(Table V-1.4 Integration Test Evaluation Criteria and Results)*	
	Calculate Due Date Query *(Table V-1.4 Integration Test Evaluation Criteria and Results)*	
	Address Validation Query *(Table V-1.4 Integration Test Evaluation Criteria and Results)*	
3	Customer Service Records Obtain (test bed) CSRs via a direct database extract process and load to the Initial State CSR database *(O&P Domain Results V-4, Test Bed Information) (O&P_PreCSR.mdb)*	Parse the CSI response and populate the local database
4	Populate Integration Orders with information returned from designated pre-order queries *(V-13)* (and the CSR database)	Populate the LSR with the stored information in the orders systems (using a script)
5	Submit Integration Orders	
6	Receive Acknowledgement	
7	Receive FOC	
8	Receive CN	
9	Check Service Order Status	

V. Ordering and Provisioning (O&P) Domain Results and Analysis

1.0 Description

The purpose of this section is to present the specific tests, results, and analysis from KCI's evaluation of the systems, processes, and other operational elements associated with BellSouth's support for Wholesale Ordering. The Ordering and Provisioning (O&P) tests evaluated the systems and processes associated with BellSouth's ability to provide Competitive Local Exchange Carriers (CLECs) with non-discriminatory access to its Operational Support Systems (OSS). The ordering portion of the test assessed the adequacy of BellSouth's ordering systems and support procedures to efficiently process Local Service Request (LSRs) for Unbundled Network Element (UNE) services. The provisioning verification portion of the test performed a comprehensive review of BellSouth's ability to accurately and expeditiously complete the provisioning of CLEC orders.

2.0 Methodology

The scope of the O&P tests in Georgia encompassed the review and analysis of BellSouth's processes, procedures, interfaces and systems for ordering and provisioning CLEC UNE accounts. This was accomplished by reviewing and assessing relevant documentation, testing the functionality of BellSouth's ordering and provisioning systems, testing the capability to increase system capacity, reviewing metrics reports, and evaluating provisioning performance for BellSouth's CLEC customers.

2.1 Business Process Description

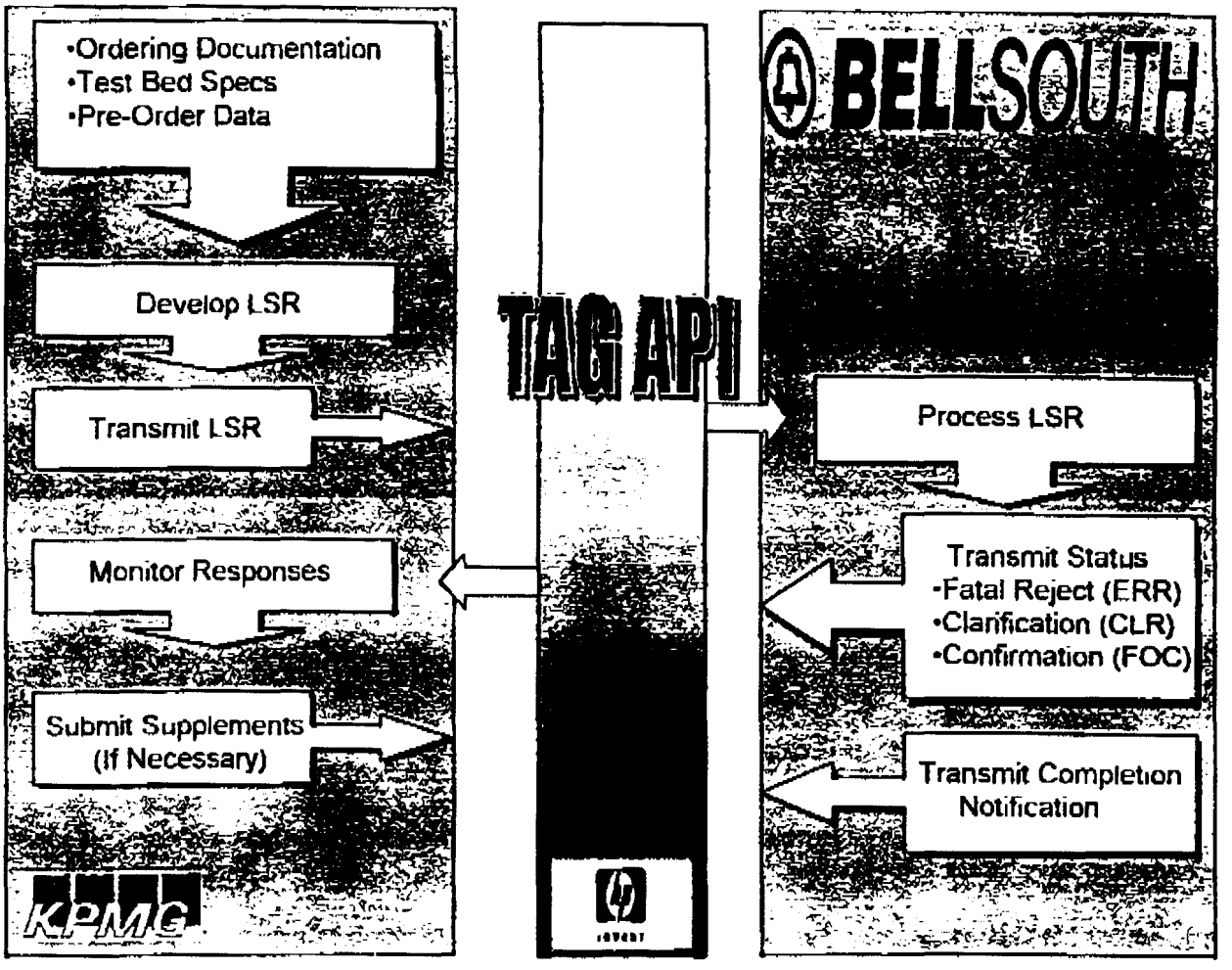
Two BellSouth electronic ordering interfaces, Telecommunications Access Gateway (TAG) and Electronic Data Interchange (EDI) were tested.

The TAG and EDI environments are described in more detail below.

TAG

Orders can be submitted electronically to BellSouth through the Telecommunications Access Gateway (TAG), a CORBA-based interface. TAG allows for bi-directional flow of information between BellSouth's OSS and CLEC customers. CLECs develop their own software applications to obtain information from BellSouth's OSS and can incorporate various internal functions, such as down loading information directly to their own inventory/billing systems, creating their own customer databases and generating internal reports. TAG provides a standard Application Program Interface (API) to BellSouth's pre-ordering and ordering OSS.

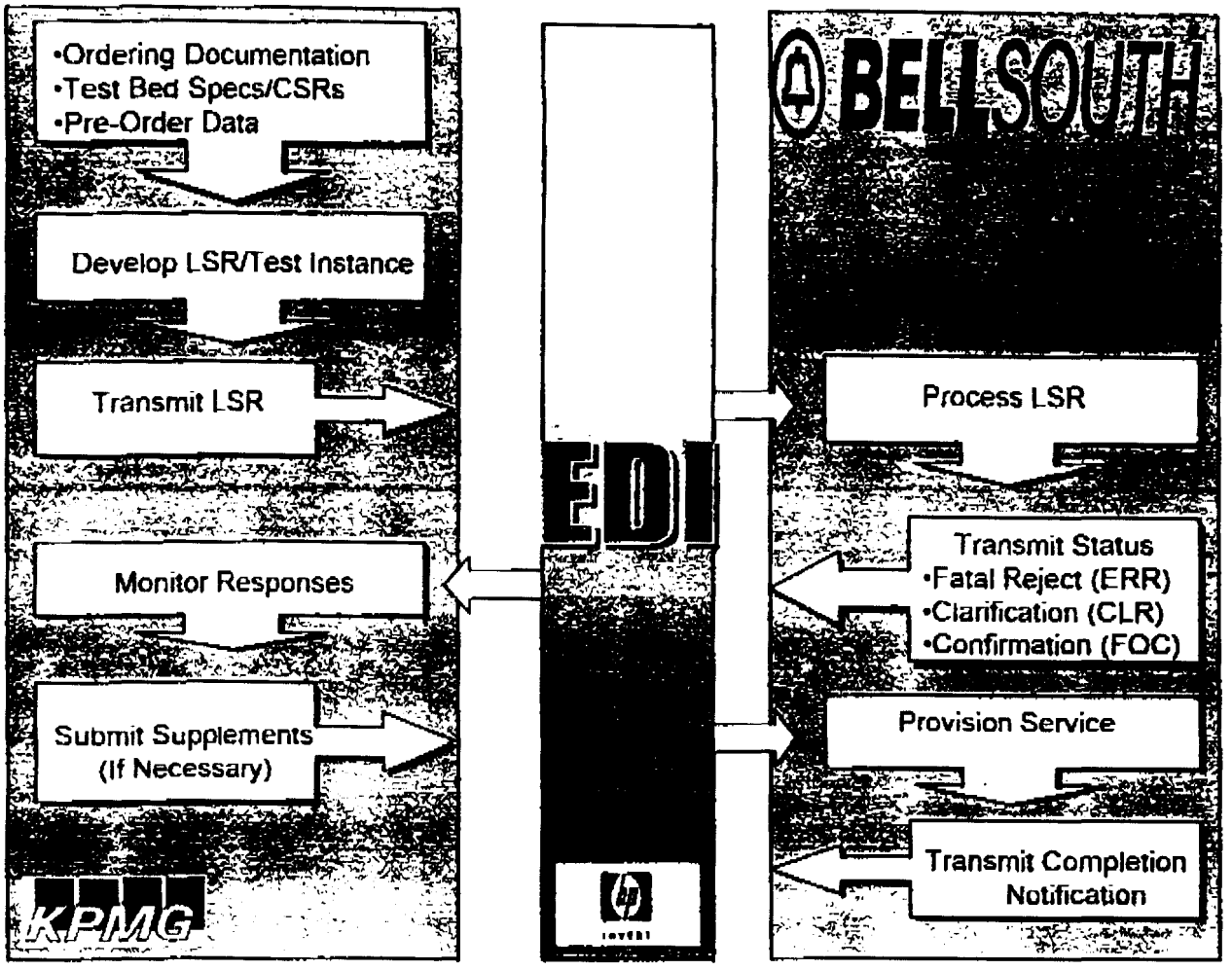
Table V -A: TAG Order Process Flow



EDI

Electronic Data Interchange (EDI) is designed to allow BellSouth's computer applications to exchange business files with CLEC computer applications in a standard format. BellSouth defines the information that is needed to successfully submit each order type. This information is encoded to fit the standard EDI transaction set for data transmission. EDI requires the use of industry standards that define the format and the data content of each business transaction. BellSouth determines how and when each data element is transferred (or mapped) into a BellSouth Service Order.

Table V -B: EDI Order Process Flow



Transaction Types

TAG and EDI allow CLECs to process the following transactions types to BellSouth's OSS:

- Submit Local Service Requests (LSRs)
- Retrieve Functional Acknowledgements (FA)
- Retrieve Firm Order Confirmations (FOCs)
- Retrieve Completion Notices (CNs)
- Retrieve Rejects, Clarifications and Service Jeopardies

Interface Testing

CLECs wishing to perform electronic ordering operations with BellSouth via TAG/EDI must first complete a series of tests designed to certify the CLEC and BellSouth's interfaces can appropriately communicate during the ordering process. This interface testing period is designed to verify TAG/EDI connectivity between BellSouth and the CLEC; to verify the CLEC's ability to send and receive file transfer acknowledgements; to verify BellSouth's ability to translate, process, and respond to CLEC service requests and supplements; and to verify CLEC compliance with BellSouth usage requirements as defined in the LEO Implementation Guide.

Ordering Process Flow

KCI utilized three primary inputs to create order test instances:

Test Bed Information

The test bed was comprised of specific customer accounts and facility information provided by BellSouth. KCI received test bed accounts (built according to KCI specifications) in the form of Customer Service Records (CSRs) that identified the end-user's initial state, including information on their address, billing accounts, and existing services and equipment. BellSouth delivered test bed CSRs to KCI via a direct database extract process. KCI evaluated BellSouth's pre-order functionality with respect to CSR queries by executing CSR pre-order queries for a defined set of customers during the TAG Pre-Ordering Functional Test (PRE-1)

Pre-Order Data

For a defined number of order test instances, KCI performed pre-order queries to validate customer address and service information, validate specific switch capabilities, select and reserve Telephone Numbers (TNs), and obtain valid due dates. KCI reviewed the pre-order response information and used this information to validate or add data to the subsequent service request.

BellSouth Ordering Documentation

BellSouth ordering documentation contains two main components. The technical specifications include programming instructions for creating TAG or EDI transaction sets. The ordering business rules provide the ordering forms and data elements comprising a service request, as well as the data characteristics, usage requirements, and valid entries for each data element.

Using test bed and pre-order information, and applying the ordering rules defined in BellSouth documentation, KCI developed an order test instance, or Local Service Request (LSR). Each LSR was assigned a unique Purchase Order Number (PON) for BellSouth and test manager tracking purposes. The LSR was transmitted in a text file to Hewlett Packard (HP), who utilized the BellSouth technical specifications to map the

Scenario Number	Scenario Category	Scenario Description
445	Combo	An existing CLEC customer is moving to another state. The CLEC orders BLS to disconnect both of its unbundled loop-port combinations.
604	Combo	CLEC orders one unbundled analog loop/port combination in support of partial migration. BLS customer currently has three lines, two of which stay with BLS, while one migrates "as specified" to CLEC.
602	Combo	An existing CLEC customer orders BLS to disconnect two of four CLEC analog loop-port combinations.
702	Combo	Migrate an existing CLEC single line UNE Loop-Port combination customer to another CLEC UNE Loop-Port combination.
452	DL	A CLEC orders an additional directory listing in support of a service request from an existing business loop port combination customer.
453	DL	A CLEC orders an additional directory listing in support of a service request from an existing residential loop port combination customer.
454	DL	An existing CLEC residential loop port combination customer requests a directory listing change.
455	DL	An existing CLEC business loop port combination customer requests a directory listing change.
456	DL	An existing CLEC multi-line business loop port combination customer requests an additional directory listing.
457	DL	A CLEC customer with LNP orders a directory listing.
458	DL	A CLEC customer with LNP deletes its directory listing.

Integration Testing

KCI conducted a defined set of integrated pre-order/order transactions. For these transactions, the information returned in a pre-order response was manually copied, without modifications, into an LSR for which pre-order information was required. This test was conducted to evaluate the degree to which a CLEC could develop automated integrated transactions and to highlight any inconsistencies in field name(s) and format between pre-order and order forms. The following table outlines the pre-order/order integration test flow. Results of the integration test are presented in Section 3.1: Results and Analysis.

Table V-F: Integration Scenarios

Scenario	Description	Pre-Order (s) Transaction Type
I01	Migrate a four-line Retail business customer to four UNE analog Ports. Add Call Waiting and Call Forward Deluxe to all lines. Add Call Return on two lines	Service Availability Query
I02	Migrate a four-line Retail customer to four UNE Loop-Port combos.	Service Availability Query

I03	Migrate a two-line Retail business customer to CLEC Resale. Change customer's PIC and LPIC.	Service Availability Query
I04	Migrate a three-line retail business customer to three UNE analog SL1 loops.	Address Validation Query
I05	Disconnect a single line resale residential customer.	Appointment Availability Query Calculate Due Date
I06	Migrate a single line residential Retail customer to one UNE analog SL1 loop.	Address Validation Query (using Telephone Number as input)
I07	A two-line Resale business customer performs an inside move.	Address Validation Query Telephone Number Assignment Query Telephone Number Selection Query
I08	A two-line Resale residential customer performs an outside move.	Address Validation Query
I09	A residential two-line UNE loop-port combination customer requests a TN change for both lines.	Telephone Number Assignment Query Telephone Number Selection Query
I10	A new residential customer adds two UNE analog Ports. Add call waiting on both lines.	Telephone Number Assignment Query Telephone Number Selection Query
I11	A new business customer adds two UNE analog Loop Port combos.	Telephone Number Assignment Query Telephone Number Selection Query

2.3 *Test Bed*

In order to provide KCI with a set of customers against which to submit service requests, BellSouth provided KCI with a test bed. BellSouth provisioned the test bed accounts according to specifications submitted by KCI. These requirements covered a range of customer starting states (e.g., BellSouth retail, CLEC resale, CLEC UNE); line counts (single and multi-line); service types (business, residential); and features (e.g., call waiting, return call, speed dial). The test bed accounts were established across a range of Central Offices (COs), covering different rate centers and switch types.

The test bed specifications submitted to BellSouth provided no indication of the subsequent order activity planned by KCI. In addition to the test bed accounts, BellSouth provided KCI with facility and customer information (cable-pair assignments, telephone numbers, and addresses) required when populating specific service requests.

KCI, in collaboration with the GPSC, solicited the participation of actual CLECs currently doing business with BellSouth Georgia to execute Local Number Portability (LNP) service requests.

As a pseudo-CLEC, KCI lacked access to the requisite registrations and certifications needed to perform LNP orders. As a result, KCI obtained LNP test bed information

A. Test Results: EDI Functional Test (O&P-1)

1.0 Description

The objective of the Electronic Data Interchange (EDI) Functional Test (O&P-1) was to evaluate the functionality of BellSouth's ordering systems in processing Local Service Requests (LSRs) for Unbundled Network Element (UNE) services submitted via EDI.

2.0 Methodology

This section summarizes the test methodology.

2.1 Business Process Description

See Section V, "Ordering & Provisioning Overview" for a description of the BellSouth ordering process via EDI.

2.2 Scenarios

KCI generated and transmitted LSRs based on the 100 UNE scenarios outlined in the *Master Test Plan* (*MTP*). The *MTP* defined the EDI order scenarios to be tested in O&P-1, and outlined the specific products and services to be ordered as well as the applicable activity types. The scenarios also defined requirements for the testing of different customer types (business and residential), migration activity (partial and full migration[1]) and flow through[2] designations.

Please refer to Section V, Tables V-2.2 and V-2.3 for a list of the UNE scenarios used for this test.

2.3 Test Targets & Measures

The test target was BellSouth's UNE ordering process for LSRs submitted via the EDI interface. Sub-processes, functions, and evaluation criteria are summarized in the following table. The last column "Test Cross-Reference" indicates where the particular measures are addressed in section 3.1 "Results & Analysis."

[1] A CLEC requests a full migration to convert all of a customer's lines to a new service provider. A CLEC requests a partial migration for a multi-line customer retaining at least one line with BellSouth.

[2] For electronically submitted LSRs, a flow-through service request proceeds through BellSouth's OSS to generate a FOC without manual intervention. A non-flow-through service request falls out for manual handling prior to generation of a FOC.

Table V-1.1: Test Target Cross-Reference

Sub-Process	Function	Evaluation Criteria	Test Cross-Reference
Submit an Order	Send order in LSR format	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive acknowledgment	Timeliness of Response	O&P-1-3-1
	Receive FOC/error/reject notification	Accuracy of Response	O&P-1-4-1; O&P-1-4-2; O&P-1-4-3
		Clarity of Information	O&P-1-4-1; O&P-1-4-2
		Timeliness of Response	O&P-1-3-2a; O&P-1-3-2b; O&P-1-3-3a; O&P-1-3-3b
	Send expedited order transaction	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
Submit an Error	Send error in LSR format	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive acknowledgement	Timeliness of Response	O&P-1-3-1
	Receive planned error/reject notification	Accuracy of Response	O&P-1-4-2
		Clarity of Information	O&P-1-4-2
		Timeliness of Response	O&P-1-3-2a; O&P-1-3-2b
	Correct error(s)	Clarity of Information	O&P-1-4-2
	Re-send order	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive FOC	Accuracy of Response	O&P-1-4-1; O&P-1-4-3
		Clarity of Information	O&P-1-4-1
		Timeliness of Response	O&P-1-3-3a; O&P-1-3-3b
Supplement an Order	Send supplement	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive acknowledgment	Timeliness of Response	O&P-1-3-1
	Receive FOC/error/reject notification	Accuracy of Response	O&P-1-4-1; O&P-1-4-2; O&P-1-4-3
		Clarity of Information	O&P-1-4-1; O&P-1-4-2
		Timeliness of Response	O&P-1-3-2a; O&P-1-3-2b; O&P-1-3-3a; O&P-1-3-3b
	Correct error(s)	Clarity of Information	O&P-1-4-2
	Re-send supplement	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive FOC	Accuracy of Response	O&P-1-4-1; O&P-1-4-3
		Clarity of Information	O&P-1-4-1
		Timeliness of Response	O&P-1-3-3a; O&P-1-3-3b

Sub-Process	Function	Evaluation Criteria	Test Cross Reference
Pre-Order/Order Integration	Populate integration orders with information returned from designated pre-order response	Clarity of Information	O&P-2-5-1; O&P-2-5-2; O&P-2-5-3; O&P-2-5-4; O&P-2-5-5; O&P-2-5-6; O&P-2-5-7
	Submit integration orders	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive acknowledgment	Timeliness of Response	O&P-1-3-1
	Receive error/reject notification	Accuracy of Response	O&P-1-4-2
		Clarity of Information	O&P-1-4-2
		Timeliness of Response	O&P-1-3-2a; O&P-1-3-2b
	Correct error(s)	Clarity of Information	O&P-1-4-2
	Re-send integration order	Presence of Functionality	O&P-1-1-1; O&P-1-2-1; O&P-1-2-2
	Receive FOC	Accuracy of Response	O&P-1-4-1; O&P-1-4-3
		Clarity of Information	O&P-1-4-1
		Timeliness of Response	O&P-1-3-3a; O&P-1-3-3b
Receive Completion Notice (CN)	Receive CN transaction	Accuracy of Response	O&P-1-4-4
		Clarity of Information	O&P-1-4-4
		Timeliness of Response	O&P-1-3-4
Receive Jeopardy Notification	Receive jeopardy notification/ missed appointment transaction	Accuracy of Response	O&P-1-4-5; O&P-1-4-6
		Clarity of Information	O&P-1-4-5; O&P-1-4-6
		Timeliness of Response	O&P-1-3-5; O&P-1-3-6
Check Service Order Status	Check service order status	Accuracy of Response	O&P-1-4-7
		Clarity of Information	O&P-1-4-7

2.4 *Data Sources*

The data collected for this test are summarized in the table below.

Table V-1.2: Data Sources for EDI Functional Test

Document	File Name	Location in Work Papers	Source
Local Exchange Ordering (LEO) Implementation Guide, Volume 1, Issues 7J, 7K, 7L, 7M, 7N, 7O, and 7P	No Electronic Copy	O&P-1-B-1	BLS
LEO Implementation Guide, Volume 2, Issue 6B, July 99	No Electronic Copy	O&P-1-B-2	BLS

Document	File Name	Location in Work Paper	Source
LEO Implementation Guide, Volume 3, Issue 3A, August 98	No Electronic Copy	O&P-1-B-3	BLS
LEO Implementation Guide, Volume 4, Issue 7F, October 99	No Electronic Copy	O&P-1-B-4	BLS
Product and Services Interval Guide	No Electronic Copy	O&P-1-B-5	BLS
Local Service Request Error Messages (Version TCIF 7)	O&P_errors.pdf	O&P-1-A-4	BLS
CLEC Service Order Tracking System (CSOTS) *Users Guide*	O&P_csots.pdf	O&P-1-A-1	BLS
Local Number Portability (LNP) Ordering Guide (Issue 1b-October 1999)	O&P_LNPgd.pdf	O&P-1-A-3	BLS
Facility-Based Activation Requirements	No Electronic Copy	O&P-1-B-6	BLS
Miscellaneous Account Numbers provided by BLS	O&P_MANs.doc	O&P-1-A-5	BLS
KCI Company Codes and Billing Account Numbers	O&P_OCN.xls	O&P-1-A-6	BLS
EDI Interface Testing Agreement - LNP	O&P_EDIvalid.doc	O&P-1-A-8	BLS
Cable Pair Assignments	O&P_cablepair.xls	O&P-1-A-9	BLS
Initial State Customer Service Records (CSRs)	O&P_PreCSR.mdb	O&P-1-A-10	BLS
Post-Order Activity CSRs	O&P_PostCSR.mdb	O&P-1-A-11	BLS
CLEC information for LNP orders (Proprietary)	O&P_CLECLNP.xls	O&P-1-A-12	CLECs
Pending Order Status Job Aid	O&P_Pendingstat.pdf	O&P-1-A-13	BLS
Additional Test Bed Addresses	O&P_newad.doc	O&P-1-A-14	BLS
O&P Test Bed Specifications	O&P_Testbed_specs.xls	O&P-1-A-15	KCI
LNP Test Bed Specifications	O&P_LNPTestbed_specs.xls	O&P-1-A-16	KCI
Test Case Master	O&P_Testcasemaster.xls	O&P-1-A-17	KCI
Order Transaction Submission Schedule	O&P_editagsced.xls	O&P-1-A-18	KCI
KCI Help Desk Log	O&P_HelpDesklog.xls	O&P-1-A-19	KCI
KCI Issues Log	O&P_TestIssues.xls	O&P-1-A-20	KCI
Pre-Order/Order Integration Log	O&P_integration.xls	O&P-1-A-21	KCI
EDI System Availability Logs	O&P_EDIsystem.mdb	O&P-1-A-22	HP
Expected Results Analysis - EDI	O&P_EDIExpected	O&P-1-A-25	KCI

2.4.1 *Data Generation/Volumes*

Data for this test were generated through order transaction submission via EDI. The number of transactions submitted during functional testing was determined

based on the number of different requisition and activity (REQ ACT) type combinations available to CLECs via the EDI interface.

This test is a feature function test and did not rely on volume testing.

2.5 *Evaluation Methods*

To allow for service request submission, BellSouth provided KCI with test bed accounts[3] that were provisioned according to KCI's specifications. Test cases and instances, correlating to Local Service Requests (LSRs), were developed using test bed accounts, pre-order data and BellSouth ordering documentation, which included the *Local Exchange Ordering Guide (LEO) Guide, Volume 1.*

Transactions (LSRs) were submitted and the results were logged and compared to expected results, based on our knowledge of the ordering and provisioning system functionality and business processes. These processes are outlined in Section V, "Ordering and Provisioning Overview."

EDI orders were submitted as both stand-alone transactions and as integrated pre-order/order transactions[4].

2.6 *Analysis Methods*

The EDI Functional Test included a checklist of evaluation criteria developed by KCI during the initial phase of the BellSouth - Georgia OSS Evaluation. The evaluation criteria provided the framework of norms, standards, and guidelines for the EDI Functional Test.

The Georgia Public Service Commission voted on June 6, 2000 to approve a set of Service Quality Measurement- (SQM-) related measures and standards to be used for purposes of this evaluation[5]. In many cases, results in this section were calculated based on KCI/HP timestamps, which may differ significantly from the BellSouth time measurement points reported in the SQMs.[6] For those evaluation criteria that do not map to the GPSC-approved measures, or where BellSouth does not specify and publish a standard business interval for a given procedure, KCI applied its own standard, based on our professional judgment.

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[3] See Section V, "Ordering & Provisioning Overview" for a detailed description of the Ordering and Provisioning test bed.

[4] See Section V, "Ordering & Provisioning Overview" for a description of the Pre-Order/Order Integration Sub-Test.

[5] On January 16, 2001 the GPSC issued an order requiring BellSouth to report for business purposes a set of measures that differs in some cases from the requirements of the June 6, 2000 test standards.

[6] For one evaluation criterion, O&P-1-3-2a, KCI conducted a comparison of response timeliness based on BellSouth-provided timestamps versus response timeliness based on KCI/HP timestamps. While KCI's evaluation result for this and all other ordering criteria is determined using KCI/HP timestamps and data measurement points, data pertaining to this BLS/KCI data comparison is provided for information purposes. See O&P-1-3-2a for additional information.

Table V-1.4: Integration Test Evaluation Criteria and Results

Test Cross-Reference	Evaluation Criteria	Result	Comment
Pre-order/Order Integration			
O&P-1-5-1	Information returned in response to pre-order System Availability Queries is compatible with requirements on corresponding orders.	Satisfied	Information transferred between fields received in response to Service Availability Queries and the three corresponding fields in the Order forms was inconsistent with respect to field name and format. To provide information on the relationship between pre-order responses and order fields, BellSouth plans to publish a "*Pre-Order to Firm Order Mapping Matrix*" on 3/30/01 (see Carrier Notification SN91082241 for additional information). While the names and formats of the pre-order and order fields did not agree, data content returned on the pre-order responses adequately fulfills order form input requirements. (See Table V-1.16)
O&P-1-5-2	Information returned in response to pre-order Appointment Availability Queries is compatible with requirements on corresponding orders.	Satisfied	Information transferred between fields received in response to Appointment Availability Queries and the two corresponding fields in the Order forms was inconsistent with respect to field name and format. To provide information on the relationship between pre-order responses and order fields, BellSouth plans to publish a "*Pre-Order to Firm Order Mapping Matrix*" on 3/30/01 (see Carrier Notification SN91082241 for additional information). While the names and formats of the pre-order and order fields did not agree, data content returned on the pre-order responses adequately fulfills order form input requirements. (See Table V-1.16)

Test Cross-Reference	Evaluation Criteria	Result	Comments
O&P-1-5-3	Information returned in response to pre-order Calculate Due Date Queries is compatible with requirements on corresponding orders.	Satisfied	Information transferred between one field received in responses to Calculate Due Date queries and the two corresponding fields in the Order forms was inconsistent with respect to field name and format. To provide information on the relationship between pre-order responses and order fields, BellSouth plans to publish a "*Pre-Order to Firm Order Mapping Matrix*" on 3/30/01 (see Carrier Notification SN91082241 for additional information). While the names and length of the pre-order and order fields did not agree, data content returned on the pre-order response adequately fulfills order form input requirements. (See Table V-1.16)
O&P-1-5-4	Information returned in response to pre-order Address Validation with Telephone Number Queries is compatible with requirements on corresponding orders.	Satisfied	Information transferred between the nine fields received in response to Address Query Validation with Telephone Number and six corresponding fields in the Order forms was inconsistent with respect to field name, format and length. To provide information on the relationship between pre-order responses and order fields, BellSouth plans to publish a "*Pre-Order to Firm Order Mapping Matrix*" on 3/30/01 (see Carrier Notification SN91082241 for additional information). In addition to the field name and length inconsistences, the data content returned on the pre-order response was inadequate to fulfill order form input requirements. For example, the length of the combined responses provided by the AVQ-TN (which must be concatenated prior to entry on the order form) may be greater then the length of the subsequent order field. While the documentation implies that potential address field length discrepancies could exist, KCI did not experience any actual instances of pre-order response field lengths exceeding subsequent order