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December 18, 2009

filed electronically in docket office on 12/18/09

Hon. Sara Kyle, Chairman
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37238

Re: *AT&T Tennessee's SQM/SEEM Plan*
Docket 04-00150

Dear Chairman Kyle:

In November 2009, AT&T implemented certain system changes in the Southeast region. Specifically, AT&T introduced a new Local Service Request Exchange ("LEX") System which is a web-based Graphical User Interface ("GUI") for electronic pre-ordering and ordering functions. Interested parties, including competitive local exchange carriers ("CLECs"), have been advised of this change through standard CLEC communications, including monthly Change Control Process ("CCP") meetings and the following Accessible Letters ("ALs"): CLECSES09-056 (dated September 11, 2009) and CLECSES09-063 (dated September 30, 2009). The ALs are available for review at the following web site: <https://clec.att.com/clec/acclletters/home.cfm?curMonth=yes>

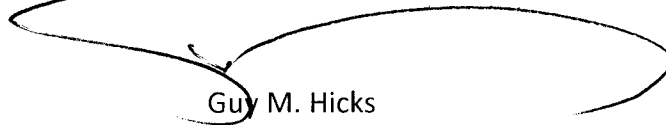
Although this OSS change does not substantively change the Service Quality Measurement Plan and Self-Effectuating Enforcement Mechanism Administrative Plan (collectively, "SQM/SEEM Plan"), the SQM/SEEM Plan documentation is being updated to reflect the addition of the new LEX interface. Accordingly, AT&T has made minor, administrative updates to the SQM/SEEM Plan documentation. For the Authority's convenience, a red-lined version of the pages of the SQM/SEEM Plan which have been updated are included in this filing. The updated SQM/SEEM Plan is available for review at the following website: <http://pmap.wholesale.att.com/content/documentation.aspx>

In addition to the administrative changes associated with the introduction of the LEX interface, AT&T is providing updates as a result of previous OSS architectural changes that were erroneously omitted. Specifically, the XML Gateway and Verigate interfaces are being added to the Change Management (CM-5) measurement for Notification of CLEC Interface Outages.

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It is important to note that from a performance measurement perspective, the addition of the LEX interface, as well as the updates associated with the XML Gateway and Verigate interfaces, will have ***no impact*** on the calculation of the OSS measures currently contained in the SQM/SEEM Plan. That is, AT&T will continue to report system response times provided to CLECs via the SQM measure known as OSS-1 [ARI]: OSS Response Interval, will continue to report the availability of access to the systems as part of the SQM measure known as OSS-2 [IA]: OSS Interface Availability, and will continue to report interface outages as part of the SQM measure known as CM-5 [ION]: Notification of CLEC Interface Outages. The method of calculation for the OSS-1, OSS-2 and CM-5 metrics will not change and the results will continue to be reported on a monthly basis.

Sincerely,

A handwritten signature in black ink, appearing to read "Guy M. Hicks". The signature is fluid and cursive, with a large loop at the end.

Enclosures

cc: Henry Walker, Esquire
Paul Stinson, AT&T Tennessee

TENNESSEE SEEM ADMINISTRATIVE PLAN

Tennessee Plan
Version 3.0304

Effective Date: ~~July 18~~November 14, 2009

Note: This SEEM Administrative Plan version is issued to reflect the OSS architecture changes implemented on November 14, 2009.

B.2 Tier 2 Submetrics

Item No.	SQM Ref	Tier 2 Submetric
1	ARI	OSS-1 OSS Response Interval (Pre-Ordering/Ordering) – LENS/Enhanced Verigate
2	ARI	OSS-1 OSS Response Interval (Pre-Ordering/Ordering) – LEX
23	ARI	OSS-1 OSS Response Interval (Pre-Ordering/Ordering) – TAG/XML/XML Gateway
34	ARI	OSS-1 OSS Response Interval (Maintenance & Repair)
45	IA	OSS-2 OSS Interface Availability – (Pre-Ordering/Ordering) – Regional per OSS Interface
56	IA	OSS-2 OSS Interface Availability – (Maintenance & Repair) – Regional per OSS Interface
67	LMT	PO-2 Loop Makeup – Response Time – Electronic - Loop
78	AKC	O-2 Acknowledgement Message Completeness - Acknowledgments
89	FT	O-3 Percent Flow-Through Service Requests – Business
910	FT	O-3 Percent Flow-Through Service Requests – LNP
4011	FT	O-3 Percent Flow-Through Service Requests – Residence
4412	FT	O-3 Percent Flow-Through Service Requests – UNE-L (includes UNE-L with LNP)
4213	FT	O-3 Percent Flow-Through Service Requests – UNE-P
4314	RI	O-8 Reject Interval – Fully Mechanized
4415	RI	O-8 Reject Interval – Partially Mechanized
4516	RI	O-8 Reject Interval – Non Mechanized
4617	FOCT	O-9 Firm Order Confirmation Timeliness - Fully Mechanized
4718	FOCT	O-9 Firm Order Confirmation Timeliness - Partially Mechanized
4819	FOCT	O-9 Firm Order Confirmation Timeliness - Non Mechanized
4920	FOCT	O-9 Firm Order Confirmation Timeliness – Local Interconnection Trunks
2021	FOCC	O-11 FOC & Reject Response Completeness – Fully Mechanized
2422	FOCC	O-11 FOC & Reject Response Completeness – Partially Mechanized
2223	FOCC	O-11 FOC & Reject Response Completeness – Non Mechanized

Item No.	SQM Ref	Tier 2 Submetric
2324	OAAT	O-12 Average Answer Time – Ordering Centers – CLEC Local Carrier Service Center
2425	MIA	P-3 Percent Missed Installation Appointments – Resale POTS
2526	MIA	P-3 Percent Missed Installation Appointments – Resale Design
2627	MIA	P-3 Percent Missed Installation Appointments – UNE Loop and Port Combinations
2728	MIA	P-3 Percent Missed Installation Appointments – UNE Loops – Design
2829	MIA	P-3 Percent Missed Installation Appointments – UNE Loops – Non-Design
2930	MIA	P-3 Percent Missed Installation Appointments – UNE xDSL
3031	MIA	P-3 Percent Missed Installation Appointments – UNE Line Splitting/Sharing
3132	MIA	P-3 Percent Missed Installation Appointments – LNP Standalone
3233	MIA	P-3 Percent Missed Installation Appointments – Local Interconnection Trunks
3334	OCI	P-4 Order Completion Interval (OCI) – Resale POTS
3435	OCI	P-4 Order Completion Interval (OCI) – Resale Design
3536	OCI	P-4 Order Completion Interval (OCI) – UNE Loop and Port Combinations
3637	OCI	P-4 Order Completion Interval (OCI) – UNE Loop Design
3738	OCI	P-4 Order Completion Interval (OCI) – UNE Loop Non-Design
3839	OCI	P-4 Order Completion Interval (OCI) – UNE xDSL – without conditioning
3940	OCI	P-4 Order Completion Interval (OCI) – UNE xDSL – with conditioning
4041	OCI	P-4 Order Completion Interval (OCI) – UNE Line Splitting/Sharing Dispatch
4142	OCI	P-4 Order Completion Interval (OCI) – UNE Line Splitting/Sharing – Non-Dispatch
4243	OCI	P-4 Order Completion Interval (OCI) – Local interconnection Trunks
4344	OCI	P-4 Order Completion Interval (OCI) – UNE EELS
4445	CCI	P-7 Coordinated Customer Conversions – Hot Cut Durations
4546	CCT	P-7A Coordinated Customer Conversions – Hot Cut Timeliness Percent within Interval
4647	NCDD	P-7D Non-Coordinated Customer Conversions – Percent Completed and Notified on Due Date
4748	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – Resale POTS

Item No.	SQM Ref	Tier 2 Submetric
4849	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – Resale Design
4950	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – UNE Loop and Port Combinations
5051	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – UNE Loops - Design
5152	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – UNE Loops – Non-Design
5253	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – UNE xDSL
5354	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – UNE Line Splitting/Sharing - Dispatch
5455	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – UNE Line Splitting/Sharing – Non-Dispatch
5556	PPT	P-9 Percent Provisioning Troubles within X days of Service Order Completion – Local Interconnection Trunks
5657	SOA	P-11 Service Order Accuracy - Resale
5758	SOA	P-11 Service Order Accuracy - UNE
5859	SOA	P-11 Service Order Accuracy – UNE-P
5960	LOOS	P-13B LNP – Percent Out of Service < 60 Minutes - LNP
6061	LAT	P-13C LNP Percent of Time BellSouth Applies the 10-Digit Trigger Prior to the LNP Order Due Date – LNP – (Standalone)
6162	LDT	P-13D LNP – Disconnect Timeliness (Non-Trigger)
6263	MRA	MR-1 Percent Missed Repair Appointment – Resale POTS
6364	MRA	MR-1 Percent Missed Repair Appointment – Resale Design
6465	MRA	MR-1 Percent Missed Repair Appointment – UNE Loop and Port Combinations
6566	MRA	MR-1 Percent Missed Repair Appointment – UNE Loops Design
6667	MRA	MR-1 Percent Missed Repair Appointment – UNE Loops Non-Design
6768	MRA	MR-1 Percent Missed Repair Appointment – UNE xDSL
6869	MRA	MR-1 Percent Missed Repair Appointment – UNE Line Splitting/Sharing
6970	MRA	MR-1 Percent Missed Repair Appointment – Local Interconnection Trunks
7071	CTRR	MR-2 Customer Trouble Report Rate – Resale POTS

Item No.	SQM Ref	Tier 2 Submetric
7172	CTRR	MR-2 Customer Trouble Report Rate – Resale Design
7273	CTRR	MR-2 Customer Trouble Report Rate – UNE Loop and Port Combinations
7374	CTRR	MR-2 Customer Trouble Report Rate – UNE Loops Design
7475	CTRR	MR-2 Customer Trouble Report Rate – UNE Loops Non-Design
7576	CTRR	MR-2 Customer Trouble Report Rate – UNE xDSL
7677	CTRR	MR-2 Customer Trouble Report Rate – UNE Line Splitting/Sharing
7778	CTRR	MR-2 Customer Trouble Report Rate – Local Interconnection Trunks
7879	MAD	MR-3 Maintenance Average Duration – Resale POTS
7980	MAD	MR-3 Maintenance Average Duration – Resale Design
8081	MAD	MR-3 Maintenance Average Duration – UNE Loop and Port Combinations
8182	MAD	MR-3 Maintenance Average Duration – UNE Loops Design
8283	MAD	MR-3 Maintenance Average Duration – UNE Loops Non-Design
8384	MAD	MR-3 Maintenance Average Duration – UNE xDSL
8485	MAD	MR-3 Maintenance Average Duration – UNE Line Splitting/Sharing
8586	MAD	MR-3 Maintenance Average Duration – Local Interconnection Trunks
8687	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – Resale POTS
8788	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – Resale Design
8889	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – UNE Loop and Port Combinations
8990	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – UNE Loops Design
9091	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – UNE Loops Non-Design
9192	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – UNE xDSL
9293	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – UNE Line Splitting/Sharing
9394	PRT	MR-4 Percent Repeat Customer Troubles within 30 Days – Local Interconnection Trunks
9495	OOS	MR-5 Out of Service (OOS) > 24 hours – Resale POTS
9596	OOS	MR-5 Out of Service (OOS) > 24 hours – Resale Design
9697	OOS	MR-5 Out of Service (OOS) > 24 hours – UNE Loop and Port Combinations

Item No.	SQM Ref	Tier 2 Submetric
9798	OOS	MR-5 Out of Service (OOS) > 24 hours – UNE Loops Design
9899	OOS	MR-5 Out of Service (OOS) > 24 hours – UNE Loops Non-Design
99100	OOS	MR-5 Out of Service (OOS) > 24 hours – UNE xDSL
10010	OOS	MR-5 Out of Service (OOS) > 24 hours – UNE Line Splitting/Sharing
10110	OOS	MR-5 Out of Service (OOS) > 24 hours – Local Interconnection Trunks
10210	BIA	B-1 Invoice Accuracy
10310	BIT	B-2 Mean Time to Deliver Invoices – CRIS
10410	BIT	B-2 Mean Time to Deliver Invoices – CABS
10510	BUDT	B-5 Usage Data Delivery Timeliness
10610	BEC	B-10 Percent Billing Adjustment Requests (BAR) Responded to within 45 Business Days – State
10710	TGP	TGP Trunk Group Performance
10810	MDD	C-3 Collocation Percent of Due Dates Missed
10911	NT	CM-1 Timelines of Change Management Notices – Region
11011	DT	CM-3 Timeliness of Documentation Associated with Change – Region
11111	SEC	CM-6 Percentage of Software Errors Corrected in “X” Business Days - Region
11211	CRA	CM-7 Percentage of Change Requests Accepted or Rejected Within 10 Days – Region
11311	SCRI	CM-11 Percentage of Software Change Requests Implemented Within 60 Weeks of Prioritization – Region

BellSouth Service Quality Measurement Plan (SQM)

Tennessee Performance Metrics

**Measurement Descriptions
Version 3.0203**

Effective Data Month: ~~July 18~~November 14, 2009

Note: This version of the TN SQM was approved by the Tennessee Regulatory Authority (TRA) at the June 27, 2005 Agenda Conference, and was adopted by the TRA in its Order issued on August 25, 2005 in Docket 04-00150. This SQM version is issued to reflect the OSS architecture changes implemented on ~~July 18~~November 14, 2009.

Introduction

BellSouth Service Quality Measurement Plan (SQM) describes in detail the measurements produced to evaluate the quality of service delivered to BellSouth's wholesale customers. The SQM was developed to respond to the requirements of the Communications Act of 1996 Section 251 (96 Act) which required BellSouth to provide non-discriminatory access to Competitive Local Exchange Carriers (CLEC)¹. The reports produced by the SQM provide regulators, CLECs and BellSouth the information necessary to monitor the delivery of non-discriminatory access.

This plan results from the many divergent forces evolving from the 96 Act. This specific SQM is based on the TRA Order issued on August 25, 2005 in Docket No. 04-00150 and modifications resulting from the implementation of OSS architecture changes on April 19, 2008, ~~and July 18, 2009, and November 14, 2009.~~

The SQM and the reports flowing from it must change to reflect the dynamic requirements of the industry. New measurements are added as new products, systems, and processes are developed and fielded. New products and services are added as the markets develop and the processes stabilize. The measurements will be changed to reflect the dynamic changes described above and to correct errors, respond to 3rd Party audits, Orders of the TRA, FCC and the appropriate Courts of Law.

This document is intended for use by someone with knowledge of the telecommunications industry, information technologies and a functional knowledge of the subject areas covered by BellSouth Performance Measurements and the reports that flow from them.

Report Publication Dates

Each month, preliminary SQM reports will be posted to BellSouth's PMAP website (<http://pmap.bellsouth.com>) by 8:00 AM EST on the 21st day of each month or the first business day after the 21st. The validated SQM reports will be posted by 8:00 AM on the last day of the month or the first business day after the last day of the month.

For details on SEEM, please refer to the SEEM Administrative Plan.

BellSouth shall retain the performance measurement Supporting Data Files (SDF) for a period of 18 months and further retain the monthly reports produced in PMAP for a period of three years. Instructions for replicating the reports in the SQM are contained in the Supporting Data User Manual (SDUM). The SDUM is available on the PMAP website and is automatically provided with each SDF download.

Report Delivery Methods

CLEC SQM and SEEM reports will be considered delivered when posted to the website. The State/Federal Commissions have been given access to the website.

¹ *Alternative Local Exchange Companies (ALEC) and Competing Local Providers (CLP) are referred to as Competitive Local Exchange Carriers (CLEC) in this document.*

CM-5 [ION]: Notification of CLEC Interface Outages

Definition

This report measures the time it takes BellSouth to notify the CLECs of an interface outage as defined by the Change Control Process (CCP) documentation.

Exclusions

None

Business Rules

BellSouth has 15 minutes to notify the CLECs via email, once the Help Desk has verified the existence of an outage. An outage is verified to exist when one or more of the following conditions occur:

1. BellSouth can duplicate a CLEC reported system error.
2. BellSouth finds an error message within the error log that identically matches a CLEC reported system outage.
3. When three or more CLECs report the identical type of outage.
4. BellSouth detects a problem due to the loss of functionality for users of a system.

The 15-minute interval begins once a CLEC reported outage or a BellSouth detected outage has lasted for 20 minutes and has been verified. If the outage is not verified within 20 minutes, the interval begins at the point of verification.

Calculation

Notification of CLEC Interface Outages = $(a / b) \times 100$

- a = Number of interface outages where CLECs are notified within 15 minutes
- b = Total number of interface outages

Report Structure

- CLEC Aggregate
- Geographic Scope
Region

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SQM Analog/Benchmark

- By interface type for all interfaces accessed by CLECs97% <= 15 Minutes

Interface	Applicable to
EDI	CLEC
CSOTS.....	CLEC
LENS	CLEC
LEX.....	CLEC
Verigate.....	CLEC
XML Gateway.....	CLEC
TAG.....	CLEC
ECTA.....	CLEC
TAFI	CLEC/BellSouth



SEEM Measure

SEEM Tier I Tier II

No

Appendix A: Glossary of Acronyms and Terms

Symbols used in calculations

-

A mathematical operator representing subtraction.

+

A mathematical operator representing addition.

/

A mathematical operator representing division.

<

A mathematical symbol that indicates the metric on the left of the symbol is less than the metric on the right.

<=

A mathematical symbol that indicates the metric on the left of the symbol is less than or equal to the metric on the right.

>

A mathematical symbol that indicates the metric on the left of the symbol is greater than the metric on the right.

>=

A mathematical symbol that indicates the metric on the left of the symbol is greater than or equal to the metric on the right.

()

Parentheses, used to group mathematical operations which are completed before operations outside the parentheses.

A

ACD

Automatic Call Distributor - A service that provides status monitoring of agents in a call center and routes high volume incoming telephone calls to available agents while collecting management information on both callers and attendants.

Aggregate

Sum total of all items in a like category, e.g. CLEC aggregate equals the sum total of all CLEC data for a given reporting level.

ALEC

Alternative Local Exchange Company – A BellSouth wholesale customer who competes with the Incumbent Local Exchange Carrier (ILEC) and other carriers in providing local service.

ADSL

Asymmetrical Digital Subscriber Line – A transmission technology that allows the use of one existing local twisted-pair to provide high-bandwidth data and voice services simultaneously.

ASR

Access Service Request - A request for access service terminating delivery of carrier traffic into a local exchange carrier's network.

ATLAS

Application for Telephone Number Load Administration System - The BellSouth Operations System used to administer the pool of available telephone numbers and to reserve selected numbers from the pool for use on pending service requests/service orders.

Auto Clarification

A LSR that was electronically rejected from LESOG and electronically returned to the CLEC for correction.

B**BILLING**

The process and functions by which billing data is collected and by which account information is processed in order to render accurate and timely billing.

BOCRIS

Business Office Customer Record Information System (Front-end to the CRIS database) – System used to maintain customer account information which includes, but is not limited to bills, payment history, and memo notations made during customer contact.

BRI

Basic Rate ISDN – This product offering is a two-way line side digital port on a two-wire digital loop. The two-wire digital loop is a dedicated digital transmission facility.

BRC

Business Repair Center – The BellSouth Business Systems trouble receipt center which serves business and CLEC customers.

C**CABS**

Carrier Access Billing System – The BellSouth proprietary corporate database and billing system for access and certain UNE customers and/or services.

CCC

Coordinated Customer Conversions – A simultaneous coordination between the disconnection of existing service and the reconnection of the new service.

CCP OSS (Change Management)

Change Control Process OSS – The Change Control Process (CCP) methods and procedures, a collaborative documented process, used by BellSouth and the CLECs to initiate OSS changes to BellSouth pre-ordering, ordering, and provisioning interfaces. The process includes change requests, CLEC prioritization, release management, defect management, etc.

CCP SQM

Change Control Process SQM -- The methods and procedures used by BellSouth to implement changes to performance metrics that have been ordered by a state regulatory commission. This process is documented in the PMQAP.

Centrex

A business telephone service, offered by local exchange carriers, which is similar to a Private Branch Exchange (PBX) but the switching equipment is located in the telephone company Central Office (CO).

CISC

Carrier Interconnection Switching Center – Formerly known as the LISC, the BellSouth Center dedicated to handling CLEC access service requests for interconnection trunks.

CKTID

Circuit Identifier - A unique identifier for elements combined in a service configuration.

CLEC

Competitive Local Exchange Carrier – A BellSouth wholesale customer who competes with the Incumbent Local Exchange Carrier (ILEC) and other carriers in providing local service.

CLP

Competitive Local Provider – A BellSouth wholesale customer who competes with the Incumbent Local Exchange Carrier (ILEC) and other carriers in providing local service.

CMDS

Centralized Message Distribution System - National system used to transfer specially formatted messages among companies.

CM OSS

Change Management OSS - See CCP OSS for definition.

CM SQM

Change Management SQM - See CCP SQM for definition.

COFFI

Central Office Feature File Interface - Provides information about USOCs and class of service. COFFI indicates all services available to a customer.

COG

Corporate Gateway – System designed for the electronic submission of xDSL Local Service Requests.

CRIS

Customer Record Information System - The BellSouth proprietary corporate database and billing system for non-access customers and/or services.

CRSG

Complex Resale Support Group - The group within BellSouth which serves as the interface between the LCSC and the outside plant engineering group. The responsibility of this organization is to provide the parameters for the type of facilities available to provision the service the CLEC has selected.

C-SOTS

CLEC Service Order Tracking System – Provides CLECs the ability to query the service order database to monitor the progress of CLEC service order activity from service order issuance to order completion.

CSR

Customer Service Record – A record of the customer/end-user information including detail about the services and physical address of the end-user.

CTTG

Common Transport Trunk Group - Trunk groups between BellSouth, Independent end offices, and the BellSouth access tandems.

CWINS Center

Customer Wholesale Interconnection Network Services Center (formerly the UNE Center) – This center provides CLECs with provisioning and maintenance for designed and non-designed local service.

D**Design**

Design Service is defined as any special or plain old telephone service order which requires BellSouth design engineering activities.

Disposition & Cause

Types of trouble conditions, (e.g., No Trouble Found (NTF), Central Office Equipment (CO), Customer Premises Equipment (CPE), etc.) – These codes identify the location, equipment and/or disposition of a particular trouble. Trouble reports will be closed to the most service affecting code which describes the trouble condition repaired.

DS0

The worldwide standard speed for one digital voice signal (64,000 bps).

DSI

24 DS0s (1.544Mb/sec.)

DOE

Direct Order Entry System - An internal BellSouth service order entry system used by BellSouth service representatives to input service orders in BellSouth format.

DOM

Delivery Order Manager -- Determines the needed processing steps for the service request. It then forwards the request on to each required system, in sequence, checking for errors and accuracy.

DSAP

DOE (Direct Order Entry) Support Application - A BellSouth system which assists a service representative or similar carrier agent in negotiating service provisioning commitments for non-designed services and Unbundled Network Elements.

DSL

Digital Subscriber Line – Allows customers to provide simultaneous two-way transmission of digital signals at speeds of 256 kbps via a two-wire local channel.

DUI

Database Update Information – A functional area measuring the timeliness and accuracy of database updates.

E**EDI**

Electronic Data Interchange - The computer-to-computer exchange of inter and/or intra-company business documents in a public standard format.

Enhanced Verigate

An online Web-based system, which provides CLECs electronic access to pre-order information.

ESSX

BellSouth Centrex Service – A central office housed communications system that provides the customer with direct inward and outward dialing, interconnection to all stations, and custom calling features.

F**Fatal Reject**

LSRs electronically rejected from LEO because the required fields are not correctly populated.

Flow-Through

In the context of this document, LSRs submitted electronically via the CLEC mechanized ordering process that flow through to the BellSouth OSS without manual or human intervention.

FOC

Firm Order Confirmation - A notification returned to the CLEC confirming the LSR has been received and accepted, including the specified commitment date.

FX

Foreign Exchange – A network-provided service in which a telephone in a given local exchange area is connected, via a private line, to a central office in another exchange.

G H**HDSL**

High Bit Digital Subscriber Line – A dedicated digital transmission facility from BellSouth's Main Distribution Frame (MDF) to an end user's premises.

I J K**ILEC**

Incumbent Local Exchange Carrier – Regional Bell Operating Company (RBOC)

INP

Interim Number Portability – When the customer is originally provided service by an ILEC and decides to change service to a CLEC, the customer may retain their ILEC telephone number. Calls to the ILEC number are rerouted to the CLEC using either the Remote Call Forwarding feature or over a dedicated trunk group from the ILEC switch to the CLEC

ISDN

Integrated Services Digital Network – An integrated digital network in which the same time-division switches and digital transmission paths are used to establish connections for different services. ISDN services include telephone, data, electronic mail, and facsimile.

L**LAN**

Local Area Network – A data communications system that lies within a limited spatial area, has a specific user group, has a specific topology, and is not a public switched telecommunications network, but may be connected to one.

LASR

Local Access Service Request-Negotiation system for entry and processing of Local Service Requests. Stores all LSRs received mechanically from CLECs. Tracks status of requests and associated service orders.

LAUTO

The automatic processor in LNP Gateway that validates LSRs and issues service orders.

LCSC

Local Carrier Service Center - The BellSouth center which is dedicated to handling CLEC LSRs and preordering transactions, along with associated expedite requests and escalations.

Legacy System

Term used to refer to BellSouth Operations Support Systems.

LENS

Local Exchange Navigation System - The BellSouth application developed to provide both preordering and ordering electronic interface functions for CLECs.

LERG

Local Exchange Routing Guide – The official document which lists all North American Class 5 office (COs or end offices) and which describes their relationship to Class 4 office (tandem offices). Carriers use the LERG in the network design process.

LESOG

Local Exchange Service Order Generator - A BellSouth system which accepts the service order output of LEO and enters the service order into the Service Order Control System using terminal emulation technology.

LEX

Local Service Request Exchange (LEX) System – An AT&T browser based application for online creation, submittal, and maintenance of Local Service Requests (LSRs).

LFACS

Loop Facilities Assignment and Control System - Database of facilities inventory and assignment information.

LIDB

Line Information Database – Contains information about the user's calling card and other billing data.

LMOS

Loop Maintenance Operations System - A BellSouth operations system that stores the assignment and selected account information for use by downstream OSS and BellSouth personnel during provisioning and maintenance activities.

LMOS HOST

Loop Maintenance Operations System Host Computer

LMU

Loop Make-up - The physical characteristics of the loop facilities, starting at an ILEC's central office and ending at the serving distribution terminal.

LMUSI

Loop Make-up Service Inquiry -- The form submitted by the CLEC to obtain the loop make-up information.

LNP

Local Number Portability - In the context of this document, the capability for a subscriber to retain their current telephone number as they transfer to a different local service provider.

LNP Gateway

Local Number Portability (gateway) - A system that provides both internal and external communications with various interfaces and processes including:

- (1) Linking BellSouth to the Number Portability Administration Center (NPAC).
- (2) Allowing for inter-company communications between BellSouth and the CLECs for electronic ordering.
- (3) Providing interface between NPAC and AIN SMS for LNP routing processes.

Loops

Transmission paths from the central office to the customer premises.

LRN

Location Routing Number – A 10-digit number which routes calls to the appropriate end-user's ported telephone number.

LSR

Local Service Request - A request from a CLEC for local resale service or unbundled network elements.

M**Maintenance & Repair**

The process and function by which trouble reports are sent to BellSouth and the related service problems are resolved.

MARCH

BellSouth Operations System which accepts service orders and other data, interprets the coding contained in the service order image, and constructs the specific switching system recent change command messages for input into end office switches.

N**NBR**

New Business Request - Process required by BellSouth for CLECs to initiate a service, which is not included within its

interconnection agreement.

NC

No Circuits - All circuits busy announcement.

NMLI

Native Mode LAN Interconnection – An intraLATA, shared fiber-based, LAN inter-networking service.

NPA

Numbering Plan Area - Area Code portion of a telephone number.

NXX

The exchange portion of a telephone number. The first three digits in a local telephone number which identify the specific telephone company central office serving that number.

O**OBFI**

Ordering and Billing Forum Adapter-Provides gateway between EDI/COBRA/Verigate and the various BIS systems to retrieve pre-order data from the legacy systems.

Ordering

The process and functions where resale services or unbundled network elements are ordered from BellSouth, as well as the process by which an LSR or ASR is placed with BellSouth

Ordering Interface Gateways

Gateways for CLECs to submit LSRs electronically

Order Types

The following order types are used in this document:

- (1) T - The "to" portion of a change of address. This Order Type is used to connect main service at a new address when a customer moves from one address to another in any of the nine states within the BellSouth region. A "T" Order Type is always paired with an "F" Order Type which will have the same telephone number following the "F" Order Type Code unless the orders are within different central offices.
- (2) N - Orders establishing a new account. Also, this Order Type Code is occasionally used when changing from one type of system to another, such as when changing from PBX to Centrex.
- (3) C - Order Type used for the following conditions: changes or partial disconnections of service or equipment; change of telephone number, grade or class of main line, additional lines, auxiliary lines, PBX trunks and stations; addition of trunks or lines to existing accounts; move of equipment (other than change of address); temporary suspension and restoration of service at customer's request.
- (4) R - Order Type used for the following conditions: additions, removals or changes in directory listings; responsibility change orders, addition, removal or changes in directory and billing information; other record corrections where no field work is involved.

OSPCM

Outside Plant Contract Management System – Provides scheduling and completion information on outside plant construction activities.

OSS

Operations Support System – Multiple support systems and databases which are used to mechanize the flow and performance of work. The term is used to refer to the overall system consisting of complex hardware, computer operating system(s), and applications which are used to provide the support functions.

Out Of Service

Customer has no dial tone and cannot call out

P**PMAP**

Performance Measurement Analysis Platform – Provides delivery of performance reports via the web and facilitates analysis of the summary level data.

PMQAP

Performance Measurement Quality Assurance Plan – BellSouth Operational Guide which documents the systematic procedures used by BellSouth Telecommunications (BST) to produce accurate and reliable service quality measurement reports.

PON

Purchase Order Number – Identifier assigned by the customer originating the service request

POTS

Plain Old Telephone Service – A term often used to distinguish basic voice telephone from data and other services.

PREDICTOR

BellSouth system used to administer proactive maintenance and rehabilitation activities on outside plant facilities.

Preordering

The process and functions by which information is obtained, verified, or validated prior to placing a service request.

PRI

Primary Rate ISDN -- An integrated services digital network interface standard designated as having 23B+D channels

Provisioning

The process and functions where necessary work is performed to activate a service requested via a LSR/ASR

Q R**RRC**

Residence Repair Center - The BellSouth Consumer Services trouble receipt center which serves residential customers

RSAG

Regional Street Address Guide - The BellSouth database which contains street addresses that have been validated for accuracy with state and local government records

RSAGADDR

Regional Street Address Guide Address - RSAG software contract for address search

RSAGTN

Regional Street Address Guide Telephone Number - RSAG software contract for telephone number search

S**SAC**

Service Advocacy Center-- Resolves issues in the provisioning process

SDUM

Supporting Data User Manual

SEEM

Self Effectuating Enforcement Mechanism -- A tiered remedy structure in which payments are made either to the CLEC and/or state regulatory agency, depending on the type and level of parity/benchmark miss that occurs

SGG

ServiceGate Gateway - A common gateway to receive and send interconnection requests

SOCS

Service Order Control System - BellSouth system which routes service order images among BellSouth provisioning systems.

SOG

Service Order Generator - Designed to generate a service order for xDSL

SONGS

Service Order Negotiation and Generation System - This system supports the Consumer, Small Business and Public COUs by providing data entry screens and prompts to aid negotiation and entry of all order types.

Syntactically Incorrect Query

A query that cannot be fulfilled due to insufficient or incorrect input data from the end user. For example, a CLEC would like to query the legacy system for the following address: 1234 Main St. Entering "1234 Main St." will be considered syntactically correct because valid characters were used in the address field. However, entering "AB34 Main St." will be considered syntactically incorrect because invalid characters (example: alpha characters were entered in numeric slots) were used in the address field.

T**TAFI**

Trouble Analysis Facilitation Interface - The BellSouth Operations System that supports trouble receipt center personnel in taking and handling customer trouble reports.

TAG

Telecommunications Access Gateway - TAG was designed to provide an electronic interface or machine-to-machine interface for the bi-directional flow of information between BellSouth's OSSs and participating CLECs.

Test Transactions/Records

Transactions created by BellSouth, or in tests originated by CLECs, where the CLEC has coordinated the test with BellSouth to enable identification of the transactions as part of a test used to test system functionality.

TN

Telephone Number

Total Manual Fallout

LSRs electronically submitted to BellSouth, which fallout, requiring manual input into a service order generator.

U V**UCL**

Unbundled Copper Loop - A dedicated metallic transmission facility from BellSouth's Main Distribution Frame (MDF) to a customer's premises

UNE

Unbundled Network Element - Those parts of BellSouth's network required to be unbundled by the Telecommunications Act of 1996 and the implementing regulatory body

USOC

Universal Service Order Code - A set of alpha or numeric characters identifying a particular service or equipment

W**WFA**

Work Force Administration - Electronic document tracking system for trouble reports

WFM

Work Force Manager-Mechanizes work performed by LSCs. Manages the workload of all paper/email requests for local service.

WMC

Work Management Center – Serves as a single point of contact (SPOC) for all requests for dispatch to the Field Work Group (Central Office or outside technicians)

WTN

Working Telephone Number

X Y Z**XML**

eXtensible Markup Language – An international standards-based data formatting option designed for information exchange on network systems

XML Gateway

eXtensible Markup Language Gateway – A machine-to-machine electronic interface designed to provide bi-directional flow of information between AT&T's OSS and CLEC's OSS for pre-ordering and ordering functionality.

Appendix C: OSS Interface Tables

OSS-1 [PRR]: OSS Response Interval (Pre-Ordering/Ordering/Maintenance & Repair)

Table 1: Legacy System Access Times For RNS

System	Contract	Data	Avg. Sec.	# of Calls
RSAG	RSAG-TN	Address	X	X
RSAG	RSAG-ADDR	Address	X	X
ATLAS	ATLAS-TN	TN	X	X
DSAP	DSAP-DDI	Schedule	X	X
CRIS	CRSACCTS	CSR	X	X
OASIS	OASISBIG	Feature/Service	X	X

Table 2: Legacy System Access Times For R0S

System	Contract	Data	Avg. sec.	# of Calls
RSAG	RSAG-TN	Address	X	X
RSAG	RSAG-ADDR	Address	X	X
ATLAS	ATLAS-TN	TN	X	X
DSAP	DSAP-DDI	Schedule	X	X
CRIS	CRSOCSR	CSR	X	X
OASIS	OASISBIG	Feature/Service	X	X

Table 3: Legacy System Access Times For LENS/LEX/Enhanced Verigate (Pre-Order only)

System	Contract	Data	Avg. sec.	# of Calls
RSAG	RSAG-TN	Address	X	X
RSAG	RSAG-ADDR	Address	X	X
ATLAS	ATLAS-TN	TN	X	X
DSAP	DSAP-DDI	Schedule	X	X
CRIS	CRSECSRL	CSR	X	X
COFFI	COFFI/USOC	Feature/Service	X	X
P/SIMS	PSIMS/ORB	Feature/Service	X	X

Table 4: Legacy System Access Times For TAG/XML/XML Gateway

System	Contract	Data	Avg. sec.	# of Calls
RSAG	RSAG-TN	Address	X	X
RSAG	RSAG-ADDR	Address	X	X
ATLAS	ATLAS-TN	TN	X	X
ATLAS	ATLAS-MLH	TN	X	X
ATLAS	ATLAS-DID	TN	X	X
DSAP	DSAP-DDI	Schedule	X	X
CRIS	CRSECSRL	CSR	X	X
P/SIMS	PSIM/ORB	Feature/Service	X	X

Table 5: Legacy System Access Times for M&R (TAFI)

System	BellSouth & CLEC	Count ≤ 10
CRIS	x	x
DLETH	x	x
DLR	x	x
LMOS	x	x
LMOSupd	x	x
LNP Gateway	x	x
MARCH	x	x
OSPCM	x	x
Predictor	x	x
SOCS	x	x
NIW	x	x

OSS-2 [IA]: OSS Interface Availability (Pre-Ordering/Ordering/Maintenance & Repair)

OSS Table 1: SQM Interface Availability for Pre-Ordering/Ordering

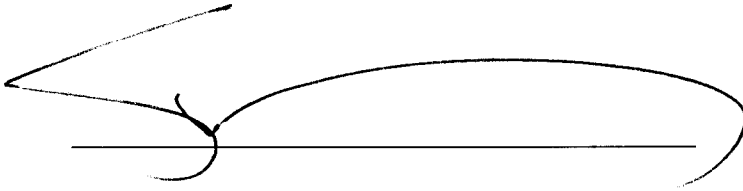
OSS Interface Availability Application	Applicable to	% Availability
EDI	CLEC	x
LENS	CLEC	x
LEX	CLEC	x
LASR	CLEC	x
WFM	CLEC	x
OBF	CLEC	x
Enhanced Verigate	CLEC	x
LESOG	CLEC	x
TAG/XML	CLEC	x
XML Gateway	CLEC	x
LNP Gateway	CLEC	x
COG	CLEC	x
SGG	CLEC	x
DOE	CLEC/BellSouth	x
SONGS	CLEC/BellSouth	x
ATLAS/COFFI	CLEC/BellSouth	x
BOCRIS/CRIS	CLEC/BellSouth	x
DSAP	CLEC/BellSouth	x
RSAG	CLEC/BellSouth	x
SOCS	CLEC/BellSouth	x
LFACS	CLEC/BellSouth	x
RNS	BellSouth	x
ROS	BellSouth	x

CERTIFICATE OF SERVICE

I hereby certify that on December 18, 2009, a copy of the foregoing document was served on the following, via hand delivery, facsimile, overnight, electronic mail or US Mail, addressed as follows:

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- ☒ Electronic

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A handwritten signature in black ink, appearing to be "H. Walker", is written over a horizontal line. The signature is stylized with a large loop and a sharp upward stroke.