Diamond Williams

000121A = TF

| From: | WOODS, VICKIE (Legal) [vf1979@att.com] | |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|--|
| Sent: | Thursday, June 17, 2010 4:04 PM | |
| То: | Filings@psc.state.fl.us | |
| Subject: | 000121A-TP AT&T Florida's Ltr. to Ann Cole re: Retirement of the "EDI" and "TAG/XML" Systems and Updated SQM/SEEM Plans | |
| Attachments: Document.pdf | | |

A. Vickie Woods

Legal Secretary to E. Earl Edenfield, Jr., Tracy W. Hatch,

and Manuel A. Gurdian

BellSouth Telecommunications, Inc. d/b/a AT&T Florida

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Tallahassee, FL 32301-1558

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B. <u>Docket No. 000121A-TP</u>: In Re: Investigation into the Establishment of Operations Support Systems Permanent Incumbent Local Exchange Telecommunications Companies.

C. BellSouth Telecommunications, Inc.

on behalf of Tracy W. Hatch

D. 19 pages total in PDF format (Letter, Certificate and updated SQM/SEEM Plan Attachment)

E. BellSouth Telecommunications, Inc. d/b/a AT&T Florida's Letter to Ann Cole re: Retirement of the "EDI" and "TAG/XML" Systems

and Updated SQM/SEEM Plan

.pdf

<<Document.pdf>>

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Tracy Hatch AT&T Legal General Attorney Suite 400 150 S. Monroe Street Tallahassee, FL 32301 850-425-6360

June 17, 2010

Ms. Ann Cole Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, FL 32399-0850

Re: Docket No. 000121A-TP- Administrative Updates to SQM/SEEM Plan to Reflect OSS Recent Changes

Dear Ms. Cole:

AT&T has recently implemented certain system changes in the Southeast region. Specifically, AT&T retired the Electronic Data Interchange ("EDP") and the Telecommunications Access Gateway/Direct Extensible Markup Language ("TAG/XML") interfaces for pre-order transaction and submission of new Local Service Requests ("LSRs") as of March 30, 2010 and for supplemental LSRs as of April 29, 2010. As of May 29, 2010, all functionalities within these interfaces were migrated to the XML Gateway machine-to-machine interface 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 Letter ("AL"): CLECSES10-031(dated March 19, 2010). The AL is available for review at the following web site: <u>https://clec.att.com/clec/accletters/home.cfm?curMonth=yes</u>

Although these OSS changes do not substantively change the Service Quality Measurement Plan and SEEM Administrative Plan (collectively, "SQM/SEEM Plan"), the SQM/SEEM Plan documentation must be updated to accurately reflect the retirement of the EDI and TAG/Direct XML interfaces. Accordingly, AT&T has made minor, administrative updates to the SQM/SEEM Plan documentation. For the Commission'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 will be available for review at the following website:

<u>http://pmap.wholesale.att.com/content/documentation.aspx</u>. It is important to note that from a performance measurement perspective, the migration to the XML Gateway interface 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, and will continue to report the availability of access to the systems as part of the

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SQM measure known as OSS-2 [IA]: OSS Interface Availability. The method of calculation for the OSS-1 and OSS-2 metrics will not change and the results will continue to be reported on a monthly basis.

If you have any questions regarding this filing, please call Tracy Hatch at (850) 577-5508 or MaryRose Sirianni at (850) 577-5553.

Sincerely, for Trac Hatch

Enclosures

cc: All parties of record Gregory R. Follensbee Jerry D. Hendrix E. Earl Edenfield, Jr.

CERTIFICATE OF SERVICE Docket No. 000121A-TP

I HEREBY CERTIFY that a true and correct copy of the foregoing was served via

Electronic Mail and U.S. Mail this 17th day of June, 2010 to the following:

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Tracy W. Hatch

(+) Signed Protective Agreement

1

BellSouth Service Quality Measurement Plan (SQM)

Florida Performance Metrics

Measurement Descriptions Version 5.0405

Effective Date: April 15 May 29, 2010

Note: This SQM version is issued to reflect the OSS architecture changes implemented on April 15May 29, 2010.

> DECEMENTIE MERICATE DISCIGNISSION CLERK



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 Order No. PSC 07-0286-PAA-TP issued by the Florida Public Service Commission (FPSC) on April 3, 2007 in Docket No. 000121A-TP, and as confirmed by Consummating Order No. PSC-07-0395-CO-TP, issued by the FPSC on May 7, 2007 and modifications resulting from the implementation of OSS architecture changes on April 19, 2008, July 18, 2009, November 14, 2009, and April 15, 2010, and May 29, 2010.

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 FPSC, 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 (<u>http://pmap.bellsouth.com</u>) 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.

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



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.

Revision History

| Version | Effective Date | Changes |
|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V0.01 | Feb. 27, 2001 | Initial BellSouth Proposal |
| V1.00 DRAFT | Sep. 20, 2001 | This version reflects the Florida Public Service Commission Staff Recommendations, dated August 2, 2001, and approved by the Commission on August 14, 2001 in Docket No. 000121-TP. |
| V1.01 | Oct. 25, 2001 | This version reflects the changes based on the FPSC Workshop, Oct. 15, 2001 (Docket No. 000121-TP). |
| V1.02 | Nov. 29, 2001 | This version reflects the changes based on the FPSC Workshop held on Nov. 9, 2001 (Docket No. 000121-TP) and the Memorandum on the Motions For Reconsideration dated Nov. 19, 2001. |
| V2.00 | Jan. 23, 2002 | This version incorporates changes based on the PAP Changes document (Florida Self-Effectuating Enforcement Mechanism Administrative Plan BellSouth Telecommunications Staff's Recommended Modifications Needed for Order Compliance.) |
| | | This is the final version, which will be filed in Florida, January 23, 2002 and incorporates the changes directed by the FPSC Staff in the letter dated January 10, 2002. |
| V3.00 | June 20, 2003 | This version incorporates changes based on the 6 month review of FL PAP beginning in Sept. 2002 and culminating with Order No. PSC-03-0603-CO-TP. |
| | | This is the final version, which will be filed in Florida, August 8, 2003 and incorporates the changes directed by the FPSC in the orders issued on December 10, 2002, April 22, 2003 and May 15, 2003. |
| V4.00 | October 1, 2005 | This version of the SQM incorporates the stipulated changes to the FL PAP directed by the FPSC in Order No. PSC-05-0488-PAA-TP issued on May 5, 2005 Docket No. 000121A-TP. |
| V4.01 | May 1, 2006 | This version of the SQM removes De-listed UNE-P from the FL SQM Plan. |
| V5.00 | July 1, 2007 | This version of the SQM incorporates the changes to the FL PAP directed by the FPSC in Order No. PSC-07-0286-PAA-TP issued on April 3, 2007 in Docket No. 000121A-TP, and as confirmed by Consummating Order No. PSC-07-0395-CO-TP, issued by the FPSC on May 7, 2007. |
| V5.01 | April 19, 2008 | This version of the SQM incorporates modifications to the OSS architecture implemented on 04/19/08. The OSS-related revisions are subject to Florida Public Service Commission approval. A redline version of the revisions is available for review on the Florida Public Service Commission's website in Docket No. 000121A-TP. The URL for the website is: http://www.psc.state.fl.us/library/filings/08/04879- 08/000121atp%20administrative%20updates.pdf |



EXHIBIT A Docket No. 000121A-TP Introduction

Florida Performance Metrics

| V5.02 | July 18, 2009 | This version of the SQM incorporates modifications to the OSS architecture implemented on 07/18/09. |
|--------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V5.03 | November 14, 2009 | This version of the SQM incorporates modifications to the OSS architecture implemented on 11/14/09. Additional updates are also incorporated in the CM-5 measure. |
| V5.04 | April 15, 2010 | This version of the SQM incorporates modifications to the OSS architecture implemented on 4/15/10. |
| <u>V5.05</u> | <u>May 29, 2010</u> | This version of the SOM incorporates modifications to the OSS architecture implemented on 5/29/10 due to retirement of EDI and TAG/XML Direct. |
| | | |

Section 2: Ordering

O-2 [AKC]: Acknowledgement Message Completeness

Definition

This measure provides the percent of transmissions/LSRs received via ordering interface gateways, which are acknowledged electronically.

Exclusions

- Manually Submitted LSRs
- Test Transactions/Records

Business Rules

Ordering interface gateways send Functional Acknowledgements for all transmissions/LSRs, which are electronically submitted by a CLEC. Users of EDI-XML Gateway may package many LSRs from multiple states in one transmission. If more than one CLEC uses the same ordering center, an Acknowledgement Message will be returned to the "Aggregator", however, BellSouth will not be able to determine which specific CLEC this message represented.

Calculation

Acknowledgement Completeness = (a / b) X 100

- a = Total number of Functional Acknowledgements returned in the reporting period for transmissions/LSRs electronically submitted by ordering interface gateways, respectively
- b = Total number of electronically submitted transmissions/LSRs received in the reporting period by ordering interface gateways, respectively

Report Structure

- CLEC Aggregate
- **CLEC** Specific
- Geographic Scope
 - Region

SQM Disaggregation - Analog/Benchmark

SQM Level of Disaggregation

SEEM Measure

SEEM Tier I Tier II

Yes....X

8

SQM/SEEM Analog/Benchmark

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. BeliSouth 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) X 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

| Level of Disaggregation By interface type for all interface | SQM Analog/Benchmark s accessed by CLECs |
|-------------------------------------------------------------|---------------------------------------------|
| Interface | Applicable to |
| EDI | CLEC |
| CSOTS | CLEC |
| LENS | CLEC |
| LEX. | CLEC |
| Verigate | CLEC |
| XML Gateway | CLEC |
| TAG | CLEC |
| EBTA | CLEC |
| TAFI | |

Version 5.0405 29, 2010

EffectiveDate: April 15May



DS1

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 similaneous 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

ЕВТА

Electronic Bonding Trouble Administration - A trouble administration system to perform maintenance and repair functions such as creating trouble tickets, performing mechanized loop tests, and retrieving trouble ticket status.

EDI

Electronic Data Interchange - The computer to computer exchange of inter and/or intre-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 LASR 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,

Version 5.04<u>05</u> 29, 2010 EffectiveDate: April 15May



and constructs the specific switching system recent change command messages for input into end office switches.

Ν

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.

Ο

OBF

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



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.

Т

TAFI

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

ŦAG

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.

UV

UCL

Version 5.04<u>05</u> 29, 2010



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

XYZ

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 InterfaceTables

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

Table 1: Legacy System Access Times For RNS

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

Table 2: Legacy System Access Times For R0S

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

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 |
| ATLAS | ATLAS-TN | TN | X | Х |
| DSAP | DSAP-DDI | Schedule | X | X |
| CRIS | CRSECSRL | CSR | X | X |
| COFFI | COFFI/USOC | Feature/Service | × | X |
| P/SIMS | PSIMS/ORB | Feature/Service | | |

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 | PSIMORB | Feature/Service. | X | X |

BELLSOUTH*

Florida Performance Metrics

| | | 1 able |
|-------------|-----------|--------|
| System | BellSouth | Count |
| | & CLEC | <= 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 | × |
| | | |

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

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 | % Availabilit |
|----------------------------------------|----------------|---------------|
| SDL. | CLEC | ****** |
| LENS | CLEC | X |
| LEX | CLEC | X |
| LASR | | X |
| WFM | CLEC | X |
| OBF | CLEC | x |
| Enhanced Verigate | CLEC | X |
| LESOG | CLEC | X |
| TAG/XML | | |
| LNP Gateway | | X |
| XML Gateway | CLEC | x |
| COG | CLEC | X |
| SGG | | X |
| DOE | | x |
| SONGS | CLEC/BellSouth | X |
| ATLAS/COFFI | | X |
| BOCRIS/CRIS | CLEC/BellSouth | ·····X |
| DSAP | CLEC/BellSouth | X |
| RSAG | CLEC/BellSouth | x |
| SOCS | | X |
| LFACS | | X |
| RNS | BellSouth | ·····X |
| ROS | | X |

Version 5.0405 29, 2010

FLORIDA SEEM ADMINISTRATIVE PLAN

Florida Plan Version 5.04<u>05</u>

Effective Date: November 14, 2009May 29, 2010

Note: This SEEM Administrative Plan version is issued to reflect the OSS architecture changes implemented on November 14, 2009May 29, 2010.

B.2 Tier 2 Submetrics

| ltem 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 |
| 3 | ARI | OSS-1 OSS Response Interval (Pre-Ordering/Ordering) — TAG/XML/XML Gateway |
| 4 | ARI | OSS-1 OSS Response Interval (Maintenance & Repair) |
| 5 | IA | OSS-2 OSS Interface Availability (Pre-Ordering/Ordering) Regional per OSS Interface |
| 6 | IA | OSS-2 OSS Interface Availability - (Maintenance & Repair) - Regional per OSS Interface |
| 7 | LMT | PO-2 Loop Makeup – Response Time – Electronic - Loop |
| 8 | AKC | O-2 Acknowledgement Message Completeness - Acknowledgments |
| 9 | FT | O-3 Percent Flow-Through Service Requests – Business |
| 10 | FT | O-3 Percent Flow-Through Service Requests – LNP |
| 11 | FT | O-3 Percent Flow-Through Service Requests – Residence |
| 12 | FT | O-3 Percent Flow-Through Service Requests - UNE-L (includes UNE-L with LNP) |
| 13 | RÌ | O-8 Reject Interval – Fully Mechanized |
| 14 | RI | O-8 Reject Interval – Partially Mechanized |
| 15 | RI | O-8 Reject Interval – Non Mechanized |
| 16 | FOCT | O-9 Firm Order Confirmation Timeliness - Fully Mechanized |
| 17 | FOCT | O-9 Firm Order Confirmation Timeliness - Partially Mechanized |
| 18 | FOCT | O-9 Firm Order Confirmation Timeliness - Non Mechanized |
| 19 | FOCT | O-9 Firm Order Confirmation Timeliness – Local Interconnection Trunks |
| 20 | FOCC | O-11 FOC & Reject Response Completeness – Fully Mechanized |
| 21 | FOCC | O-11 FOC & Reject Response Completeness – Partially Mechanized |
| 22 | FOCC | O-11 FOC & Reject Response Completeness – Non Mechanized |
| 23 | OAAT | O-12 Average Answer Time - Ordering Centers - CLEC Local Carrier Service Center |
| 24 | MIA | P-3 Percent Missed Installation Appointments – Resale POTS |
| 25 | MIA | P-3 Percent Missed Installation Appointments – Resale Design |
| 26 | MIA | P-3 Percent Missed Installation Appointments – UNE Loops – Design |

Appendix E

E.5 Tier 2 Calculations For Benchmarks

Tier 2 calculations for benchmark measures are the same as the Tier 1 benchmark calculations, except they are based on the CLEC aggregate performance and the CLEC aggregate data will have failed for three (3) consecutive months.

E.6 Regional and State Coefficients

This section describes the method of calculating regional and state coefficients.

E.6.1 AKC

- Acknowledgement Completeness (AKC_EDI & AKC-TAGXML Gateway)
- Regional Coefficient Formula (Tier 1)
- Coefficient = (A+B) / (C+D) where:
- A = number of valid FOC transactions of the CLEC in the state (fully & partially mechanized)
- B = number of valid RI transactions of the CLEC in the state (fully & partially mechanized)
- C = total valid FOC transactions of the CLEC in the region (fully & partially mechanized)
- D = total valid RI transactions of the CLEC in the region (fully & partially mechanized)

State Coefficient Formula (Tier 2)

State Coefficient = (A+B) / (C+D) where:

- A = number of valid FOC transactions for all CLECs in the state (fully & partially mechanized)
- B = number of valid RI transactions for all CLECs in the state (fully & partially mechanized)
- C = total valid FOC transactions in the region (fully & partially mechanized)
- D = total valid RI transactions in the region (fully & partially mechanized)