

Susan S. Masterton Attorney

Law/External Affairs

FLTLHO0107 Post Office Box 2214 1313 Blair Stone Road Tallahassee, FL 32316-2214 Voice 850 599 1560 Fax 850 878 0777 susan.masterton@mail.sprint.com

March 20, 2006

Ms. Blanca S. Bayó, Director Division of the Commission Clerk and **Administrative Services** Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850

RE: Docket No. 000121B-TP

Dear Mrs. Bayó:

Enclosed is an original and 2 copies of Sprint's March 2006 Root Cause Analysis (RCA) report as required by Order Number PSC-03-0176-CO-TP in Docket 000121B-TP. This order required that any failure in three consecutive months to meet any performance for a given level of disaggregation shall require a RCA by Sprint, which shall then be published on a monthly basis. This report is for results for the period of November 2005 through January 2005 as published in the December, January and February reports.

A copy of this letter is enclosed. Please stamp it to indicate that the original was

filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service. COM Sincerely, ECR_Shothim GCL ____ Susan S. Masterton **Enclosures** SCR cc: **David Rich** Jerry Hallenstein SGA ____

RECEIVED & FILED

SEC |

OTH ____

Tabitha Hunter

Lisa Harvey

DOCUMENT NUMBER-DATE

02496 MAR 20 8

FPSC-COMMISSION CLERK

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by U.S. mail to all known parties of record this 20th day of March, 2006.

Felicia Banks Florida Public Service Commission 2540 Shumard Oak Blvd Tallahassee, FL 32399-0850

AT&T (GA) Virginia C. Tate/Lisa A. Riley 1200 Peachtree St., NE Suite 8100 Atlanta, GA 30309

Florida Cable Telecommunications Assoc., Inc. Michael A. Gross 246 E. 6th Avenue, Suite 100 Tallahassee, FL 32303

AT&T Communications of the Southern States, Inc. Tracy Hatch 101 North Monroe Street, Suite 700 Tallahassee, FL 32301-1549

Pennington Law Firm Peter Dunbar/Karen Camechis P.O. Box 10095 Tallahassee, FL 32301

Time Warner Telecom of Florida, L.P. Ms. Carolyn Marek Time Warner Telecom 233 Bramerton Court Franklin, TN 37069-4002

Shows hora

Susan S. Masterton



March 2006 Root Cause Analysis Report (reflects January 2006 data published February 20) Florida Public Service Commission

Background

If there is non-compliance at the aggregate level in three consecutive months for a given level of disaggregation, Sprint shall provide a report of root cause analysis on a monthly basis. Sprint's root cause analysis shall include a plan for corrective action with key activities and anticipated completion dates for implementation.

Measure 2: Average FOC Notice Interval Submeasure 2.01.16: All Electronic – LNP								
Description of Issue	Start	Projected	Estimated		Improvement Plan			
	Date	Improvement	Impact	Date				
Sprint's ordering system includes some manually	2Q 2004	1Q 2005	TBD	Jan 2006	A system enhancement is scheduled to be implemented in February			
handled orders in the All Electronic submeasure when		4Q-2004	1		2005 to appropriately include all manually handled orders into the			
they should be included in the Electronic/Manual Mix		_	•		Electronic/Manual Mix submeasure.			
submeasure. The manual efforts are causing Sprint to								
miss the benchmark for the All Electronic submeasure.			l		Sprint is performing analysis to determine how to assign and work			
					the orders prior to missing FOC or rejection timeframes. The			
Sprint continues to experience an increase in order	Ì	1			National Exchange Access Center (NEAC) ordering center added			
volumes. Order volumes for January 2006 were 64%					additional analysts and completed a training session with the goal			
higher than January 2005.					of improving response times.			
					This measure is compliant in January 2006.			

Measure 2: Average FOC Notice Interval Sub measure 02.03.02: Electronic/Manual Mix - Business POTS								
Description of Issue	Start Date	Projected Improvement	Estimated Impact	End Date	Improvement Plan			
Sprint continues to experience an increase in order volumes. Order volumes for January 2006 were 64% higher than January 2005.	4Q 2005	2Q 2006	30-40%		Sprint developed a process model to systematically assign and prioritize orders. The new process is currently implemented on a trial basis to assess the benefits. This process allows Sprint to determine the most efficient way to assign and work orders in a manner that will ensure meeting FOC and rejection notice timeframes, as well as call answer time.			

Measure 3: Average Reject Notice Interval Submeasure 3.03.02.01: Electronic/Manual Mix – Content Errors – Resale Orders									
Description of Issue	Start Date	Projected Improvement	Estimated Impact	End Date	Improvement Plan				
Due to increased order volumes, some orders are not assigned to a service center representative for investigation in time to meet the reject notice interval.	2Q 2004	2Q 2006 4 Q 2005 2 Q 2005 3 Q 2004	30-40% of orders		Sprint developed a process model to systematically assign and prioritize orders. The new process is currently implemented on a trial basis to assess the benefits. This process allows Sprint to determine the most efficient way to assign and work orders in a				



· -		
		manner that will ensure meeting FOC and rejection notice
		timeframes, as well as call answer time.

Measure 7: Average Completed Interval Submeasure 7.01.02: Residential POTS - No Field Work

Description of Issue	Start	Projected	Estimated	End	Improvement Plan
	Date	Improvement	Impact	Date	
Retail orders have a higher frequency of same day due	3Q 2003	1Q 2006	50% of		Sprint has found that most CLEC orders do not meet the criteria
dates compared to CLEC orders, which is primarily due		1Q 2005	days		for same day intervals. Sprint is investigating a change to the
to the types of orders submitted by retail and CLEC		4 Q 200 4	İ		criteria for same day intervals which would allow more orders to
customers.		2Q 2004			complete on the day they are received, such as orders for feature
					changes.

Measure 7: Average Completed Interval

Submeasure: 7.101.01: UNE Loops xDSL Provisioned – Field Work									
Description of Issue	Start	Projected	Estimated	End	Improvement Plan				
	Date	Improvement	Impact	Date					
Sprint cannot currently identify UNE loops behind	1Q 2004	2Q 2006	10-20% of		During implementation of a process to identify UNE Loops				
remote end offices prior to dispatch, which is causing		1Q 2006	days		behind remote end offices in September 2005, Sprint discovered				
extended intervals and double dispatches.		4 Q 2005	30-40% of		that many of the indicators used to identify UNE loops behind				
		2Q 2005	days	•	remote end offices were inaccurate. The data is now correct and				
		1Q 2005	4 0-50% of		the indicators are currently in use however positive results are not				
		4 Q 2004	days		expected until 2Q 2006. Additional training was conducted at the				
		2Q 200 4	60-70% of		provisioning center and Sprint plans to hire more full-time				
			days		technicians.				
One corrective order generated a 10-day interval. A	1Q 2006	1Q 2006	20-30% of		The technician's supervisor was made aware of the incident and				
technician completed the initial order correctly but	4 Q 2005	4 Q 2005	days		has conducted counseling with the appropriate technician.				
opened a corrective order to update the database. The			40-50% of						
corrective order utilized an incorrect date leading to the			days						
non-compliance.									
Lack of tech training extended an interval for one order	1Q 2006	1Q 2006	60-70% of		Sprint is conducting additional technician training on the process				
13 additional days.			days		for high speed data services.				

Measure 11: Percent of Due Dates Missed

Submeasure 11.101.01: UNE Loops x-DSL Provisioned - Field Work

Description of Issue	Start Date	Projected Improvement	Estimated Impact	End Date	Improvement Plan
Sprint cannot currently identify UNE loops behind remote end offices prior to dispatch, which is causing extended intervals and double dispatches.	1Q 2004	2Q 2006 4Q 2005 2Q 2005 1Q 2005 4Q 2004 2O 2004	40-50% of orders 20-30% of orders 60-70% of days		During implementation of a process to identify UNE Loops behind remote end offices in September 2005, Sprint discovered that many of the indicators used to identify UNE Loops behind remote end offices were inaccurate. The data is now correct and the indicators are currently in use however positive results are not expected until 2Q 2006.



Needless referrals by contractors caused missed due	4Q 2005	1Q 2006	10-20% of	Sprint plans to hire more full-time technicians.
dates.			orders	

Measure 11: Percent of Due Dates Missed

Submeasure 11.11.01: UNE Loops Non-Designed - Fig	eld Work				
Description of Issue	Start	Projected	Estimated	End	Improvement Plan
	Date	Improvement	Impact	Date	
Sprint cannot currently identify UNE loops behind	1Q 2004	2Q 2006	70-80% of		During implementation of a process to identify UNE Loops

Description of assue	Date	Improvement	Impact	Enu Date	improvement Fran
Sprint cannot currently identify UNE loops behind remote end offices prior to dispatch, which is causing extended intervals and double dispatches.	1Q 2004	2Q 2006 4 Q 2005 2 Q 2005 1 Q 2005	70-80% of orders 60-70% of days		During implementation of a process to identify UNE Loops behind remote end offices in September 2005, Sprint discovered that many of the indicators used to identify UNE Loops behind remote end offices were inaccurate. The data is now correct and
		4Q 2004 2Q 2004	_		the indicators are currently in use however positive results are not expected until 2Q 2006.

Measure 17a: Percentage of Troubles within 5 days for New Orders

Description of Issue	Start Date	Projected Improvement	Estimated Impact	End Date	Improvement Plan
A disproportionate number of CLEC customers are reporting facilities issues than ILEC customers.	2Q 2005	1Q 2006 4 Q 2005 3 Q 2005	96% of trouble tickets		Extensive analysis is underway to decrease the frequency of troubles in the first 5 days after order completion. Sprint continues to emphasize completion testing on service orders and is replacing outside plant cables that contribute to trouble tickets. Sprint is also reaching out to CLECs with high levels of troubles to further investigate the issue.

Measure 17a: Percentage of Troubles within 5 days for New Orders
Submeasure 17a 101: UNE Loops x DSL Provisioned

Submeasure 1/a.101: UNE Loops xDSL Provisioned					
Description of Issue	Start	Projected	Estimated	End	Improvement Plan
· ·	Date	Improvement	Impact	Date	- ·
A disproportionate number of CLEC customers are	4Q2005	1Q 2006	96% of		Extensive analysis is underway to decrease the frequency of
reporting facilities issues than ILEC customers.			trouble		troubles in the first 5 days after order completion. Sprint
		1	tickets		continues to emphasize completion testing on service orders and is
			.		replacing outside plant cables that contribute to trouble tickets.
·	}		1		Sprint is also reaching out to CLECs with high levels of troubles
					to further investigate the issue.
A Sprint system erroneously defaults all UNE Loops	1Q 2006	4Q 2006	TBD		A corrective enhancement to the system has been identified and is
xDSL order codes to "Other".	<u> </u>		<u> </u>		scheduled to be implemented in 4Q 2006.

Th. 46		40	A	Completion	TAT (*	~
	eachre	l×۰	Aversor	('amnietian	Notice	interval
7.4.7	CHOULC.	LU.	TRICIALL	Commonwhite	TIUCICE	

Submeasure 18.01; All Electronic					
Description of Issue	Start	Projected	Estimated	End	Improvement Plan
	Date	Improvement	Impact	Date	



Several Sprint systems are reporting longer completion	2Q2005	1Q 2006	80-90% of	A system enhancement was implemented in October 2005 to
notice intervals than customers actually experience.		3Q 2005	minutes	allow Sprint to appropriately report the actual completion notice
			10-15% of	intervals. Updates to another system are pending. Sprint expects
			orders	this issue to be resolved in 1Q 2006.

Measure 18: Average Completion Notice Interval Submeasure 18.03: Electronic/Manual Mix

Description of Issue	Start Date	Projected Improvement	Estimated Impact	End Date	Improvement Plan
Service center representatives are not clearing errors within the objective. Orders are not completed by Sprint's order routing system if they contain a specific indicator. This also prevents downstream systems from sending the orders back in a timely fashion.	4Q2005	2Q 2006	60-70% of orders 30-40% of orders		The appropriate centers are evaluating examples of this situation for corrective action. Enhancements will be made to two systems in January to correct the issue. One system enhancement is pending.

Measure 19: Customer Trouble Report Rate
Submeasure 19: 101: UNK Loops vDSL Provisioned

Description of Issue	Start Date	Projected Improvement	Estimated Impact	End Date	Improvement Plan
Data is being accumulated to identify actionable causes for troubles. A 3-month study indicates that tickets are excluded with a disposition code of CPE a higher percentage of the time for retail troubles (34% average) than CLEC troubles (17% average). Sprint is investigating the difference and impacts.	1Q 2006 4Q 2005	1Q 2006	20% of trouble tickets		Sprint has completed an equipment replacement project designed to lessen customer troubles. In addition, Sprint is making several improvement measures to mitigate troubles. • Load reduction - Continue to replace defective cable in areas with a high trouble rate • Preventive maintenance - Check and repair faulty pairs in plant that can lead to trouble Sprint is also reaching out to CLECs with high levels of troubles to further investigate the issue.
A Sprint system erroneously defaults all UNE Loops xDSL order codes to "Other".	1Q 2006	4Q 2006	TBD		A corrective enhancement to the system has been identified and is scheduled to be implemented in 4Q 2006.

Measure 20: % of Customer Trouble Not Resolved within Estimated Time

Submeasure 20.101.02: UNE Loops xDSL Provisioned - No Dispatch								
Description of Issue	Start	Projected	Estimated	End	Improvement Plan			
	Date	Improvement	Impact	Date	-			
Technician errors caused the majority of missed	1Q 2006	2Q 2006	60-90% of		Sprint is providing refresher training overviews with all Sprint			
commitment times. The process of coordinating testing			orders		technicians as well as contract companies on CLEC Methods &			
and vendor meets are causing extended intervals.					Procedures to help bring awareness, education and attention to			
CLECs occasionally purchase xDSL capable loops and]			these types of issues. Sprint is also planning to hire more Sprint			
use ISDN equipment. Sprint technicians or contractors		1			technicians.			
working the xDSL loops refer the trouble tickets to					A small sample size made this submeasure compliant for			
technicians with ISDN knowledge. This results in		İ			January, but this does not reset the chronic indicator.			



longer intervals for a CLEC that has installed ISDN on				Therefore, this submeasure remains in a chronic state.
an xDSL loop than it does for a Sprint customer that has				
xDSL equipment on an xDSL loop.				
A Sprint system erroneously defaults all UNE Loops	1Q 2006	4Q 2006	TBD	A corrective enhancement to the system has been identified and is
xDSL order codes to "Other".				scheduled to be implemented in 4Q 2006.

Measure 21: Average Time to Restore

Submeasure 21.101.02: UNE Loops xDSL Provisioned - No Dispatch

Description of Issue Start Projected Estimated End Improvement Plan							
Description of issue	Date	Improvement	Impact	Date	Improvement Plan		
Technician errors caused the majority of missed	1Q 2006	2Q 2006	60-90% of		Sprint is providing refresher training overviews with all Sprint		
commitment times. The process of coordinating testing			orders		technicians as well as contract companies on CLEC Methods &		
and vendor meets are causing extended intervals.					Procedures to help bring awareness, education and attention to		
CLECs occasionally purchase xDSL capable loops and					these types of issues. Sprint is also planning to hire more Sprint		
use ISDN equipment. Sprint technicians or contractors					technicians.		
working the xDSL loops refer the trouble tickets to							
technicians with ISDN knowledge. This results in	Į						
longer intervals for a CLEC that has installed ISDN on					·		
an xDSL loop than it does for a Sprint customer that has							
xDSL equipment on an xDSL loop.	<u></u>	<u> </u>					
A Sprint system erroneously defaults all UNE Loops	1Q 2006	4Q 2006	TBD		A corrective enhancement to the system has been identified and is		
xDSL order codes to "Other".					scheduled to be implemented in 4Q 2006.		

Measure 31: Usage Completeness
Submeasure 31 04: Racilities/Interconnection

Description of Issue	Start	Projected	Estimated	End	Improvement Plan
	Date	Improvement	Impact	Date	
Sprint uncovered a billing issue with a large FL	1Q 2006	2Q 2006	TBD	TBD	Sprint is coordinating between billing and the service centers to
CLEC/IXC where the appropriate Carrier Identification			Į Į		make the necessary billing account changes. The manual edit of
Codes for Local CLEC traffic (vs. Interconnection) were					usage has been rescheduled effective for April 2006.
not being used. Sprint also determined that additional					
billing account changes are needed to allow traffic to bill					
appropriately without manual corrections. In addition, a					
recurring manual edit of usage for another large CLEC					
was scheduled improperly.					