

(100 Camberland Circle Atlanta GA 30300 Telephone (104) 649 8148 Fax (404) 649 8174 Mailstep GAATI N0802

Benjamin W. Fincher
Attorney, State Regulatory

August 25, 1998

Blanca S. Bayo
Director, Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

981082,TP

In Re: Interconnection Agreement between Sprint Communications Company Limited Partnership and BellSouth Telecommunications, Inc.

Dear Ms. Bayo:

Please find enclosed for filing, an original and fifteen copies of Amendment Number 1 to Interconnection Agreement as negotiated and executed between Sprint Communications Company Limited Partnership ("Sprint") and BellSouth Telecommunications, Inc. ("BellSouth").

This filing is being made jointly on behalf of Sprint and BellSouth. Pursuant to Section 252(e)(1) of the Telecommunications Act of 1996, we respectfully request that the Commission approve the Amendment to the Interconnection Agreement.

We are enclosing an extra copy of this transmittal letter. We ask that you please acknowledge receipt thereon and return to the undersigned in the enclosed, stamped and self-addressed envelope. Thank you for your assistance.

Sincerely,

Benjamin W. Fincher

BWF/

cc: Nancy White – BellSouth C. Everett Boyd

0.3365 #005/31

#### AMENDMENT NUMBER 1

THIS AMENDMENT NUMBER 1 ("Amendment") by and between Sprint Communications Company 1. P. ("Sprint") and BellSouth Telecommunications, Inc. ("BellSouth") (collectively the "Parties") amends the July 1, 1997 interconnection agreement between the Parties.

WHEREAS, effective July 1, 1997 the Parties entered into an interconnection agreement providing arrangements to facilitate interconnection of their respective facilities in order to provide telecommunications services within the State of Florida;

WHEREAS, the Parties desire to amend said interconnection agreement,

NOW, THEREFORE, in consideration of the mutual provisions contained herein the Parties agree to amend their July 1, 1997 interconnection agreement as follows:

- Paragraphs 12.1, 12.2, and 12.3 are deleted in its entirety and the following new Paragraphs 12.1 12.4 are inserted in lieu thereof:
  - 12.1 In providing Services and Elements, BellSouth will provide Sprint with the quality of service BellSouth provides itself and its end-users. BellSouth's performance under this Agreement shall provide Sprint with the capability to meet standards or other measurements that are at least equal to the level that BellSouth provides or is required to provide by law or its own internal procedures. BellSouth shall satisfy all service standards, measurements, and performance requirements set forth in the Agreement and the measurements specified in Attachment 12 of this Agreement. Any conflict between the standards, measurements, and performance requirements thellSouth provides itself and the standards, measurements, and performance requirements set forth in the Service Quality Measurements in Attachment 12 shall be resolved in favor of the higher standards, measurements and performance.
  - 12.2 The Parties acknowledge that the need will arise for changes to the Service Quality Measurements specified in Attachment 12 during the term of this Agreement. Such changes may include the addition or deletion of measurements or a change in the performance standard for any particular metric, as well as the provision of target performance levels, as set forth in Attachment 12. Unless otherwise specified in Attachment 12, the parties agree to review all measurements on a quarterly basis to determine if any changes are appropriate, and may include the provision to Sprint of any additional measurements BellSouth may provide itself.
  - 12.3 The Parties agree to monitor actual performance on a monthly basis and, if the Parties conclude it is required, develop a process improvement plan to improve quality of service provided as measured by the performance measurements, if necessary. Such a plan shall be developed where BellSouth's performance falls below either the level of performance it provides itself or the level of performance required in Attachment 12.
  - 12.4 BellSouth shall, beginning no later than July 15, 1998, submit monthly reports to Sprint with respect to each Service Quality Measurement identified in Attachment 12 that details (1) BellSouth performance provided to BellSouth's retail operations or retail analogs; (2) BellSouth performance for any BellSouth subsidiary or affiliate operating as an ALEC in Florida; (3) BellSouth performance for Sprint; and (4) BellSouth performance for ALECs in the aggregate. Said reports will include the underlying supporting data, including raw numeric values and measurements and methodologies.
- 1 The attached Exhibit 1 is Incorporated into the July 1, 1997 interconnection agreement as Attachment. 12 as if fully set out therein.
- Except as amended as hereinabove set forth, the July 1, 1997 interconnection agreement is hereby ratified and affirmed in its entirety.

3. This Amendment is effective this 15th day of July, 1998.

BellSouth Telecommunications, Inc.

Name\_ Title\_ Date

	nmunications Con	
111	R- 0-0	moni
Name W	Richard Mor	rie
		Integration
Date 7-1		- Integration

# Service Quality Measurements Regional Performance Reports TABLE OF CONTENTS

CATEGORY **FUNCTION** PAGE# Pre-Ordering and Ordering OSS 1. Average OSS Response Interval 2 2. OSS Interface Availability 2 Ordering 1. Percent Flow-through Service Requests 5 2. Percent Rejected Service Requests 5 3. Reject Interval 5 4. Firm Order Confirmation Timeliness 6 Speed of Answer in Ordering Center. 6 Provisioning 1. Average Completion Interval Order Completion Interval Distribution 2. Held Order Interval Distribution and Mean Interval 12 3. Average Joopardy Notice Interval & Percentage of Orders Given Jeopardy Notices 14 4. Percent Missed Installation Appointments 15 Percent Provisioning Troubles w/i 30 days 15 6. Percent Order Accuracy 15 7. Coordinated Customer Conversions 18 8. Average Completion Notice Interval 19 1. OSS Interface Availability 20 Maintenance & Repair 2. Average OSS Response Interval 20 3. Average Answer Time - Repair 21 4. Missed Repair Appointments 22 5. Customer Trouble Report Rate 23 6. Maintenance Average Duration 24 7. Percent Repeat Troubles w/i 30 days) 24 8. Out of Service > 24 Hours 24 Billing 1. Invoice Accuracy 27 2. Invoice Timeliness 27 3. Usage Data Delivery Accuracy 28 Usage Data Delivery Timeliness and Completeness 28 Operator Services (Toll) and 1. Average Speed to Answer 30 Directory Assistance 2. Percent Answered within "X" Seconds 30 F911 1. Timeliness 32 2. Accuracy 32 Trunk Group Performance 1. Comparative Frunk Group Service Summary 34 2. Trunk Group Service Report 14 3. Trunk Group Service Detail 34 Collocation 1. Average Response Time 39 2. Average Arrangement Time 39 % of Due Dates Missed 39 Appendix A Reporting Scope 40 Appendix B Glossary of Acronyms and Leima 42

### Service Quality Measurements Regional Performance Reports

### PRE-ORDERING AND ORDERING OSS

Function:	Average Response Interval for Pre-Ordering and Ordering Legacy Information & OSS
i unction.	Interface Availability
Measurement	As an initial step of establishing service, the customer service agent must establish such
Overview:	basic facts as availability of desired features, likely service delivery intervals, the
	telephone number to be assigned, product and feature availability, and the validity of
	the street address. Typically, this type of information is gathered from the supporting
	OSS's while the customer (or potential customer) is on the telephone with the customer
	service agent. This information may be gathered via stand-alone pre-order inquiries or
	as part of the ordering function. Pre-ordering/ordering activities are the first contact
	that a customer may have with a CLEC. This measure is designed to monitor the time
	required for the CLEC interface systems to obtain from legacy systems the pre-
	ordering/ordering information necessary to establish and modify service. This
	measurement also captures the availability percentages for the BST systems that the
	CLEC uses during pre-ordering and ordering. Comparison to BST results allow
	conclusions as to whether an equal opportunity exists for the CLEC to deliver a
	comparable customer experience.
Measurement	1. Average OSS Response Interval - Sum [(Date & Time of Legacy Response) - (Date
Methodology:	& Time of Request to Legacy)]/(Number of Legacy Requests During the Reporting
	Period)
	The response interval for retrieving pre-order/order information from a given legacy is
	determined by summing the response times for all requests (contracts) submitted to the
	legacy during the reporting period and then dividing by the total number of legacy
	requests for that day. The response interval starts when the client application (LENS for
	CLECs; RNS for BST) submits a request to the legacy system and ends when the
	appropriate response is returned to the client application. The number of legacy
	accesses during the reporting period that take less than 2.3 seconds and the number that
	take more than 6 seconds are also captured.
	Definition: Average response time for accessing legacy data associated with
	appointment scheduling, service & feature availability, address verification, request for
	Telephone Numbers (TNs), and Customer Service Records (CSRs).
	2. OSS Interface Availability ≈ (Actual Availability)/(Scheduled Availability) X 100
	Definition: Percent of time OSS interface is actually available compared to scheduled
	availability. Availability percentages for CLEC interface systems and for all legacy
	systems accessed by them are captured.
	уучини воссиясь од шен ше сарынев.

### PRE-ORDERING AND ORDERING OSS

Reporting Dimensions:	Excluded Situations:
Not CLEC specific.     Not product/service specific.     Regional Level	• None
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
<ul> <li>Report Month</li> <li>Legacy contract type (per reporting dimension)</li> <li>Response interval</li> <li>Regional Scope</li> </ul>	Report Month     Legacy contract type (per reporting dimension)     Response interval     Regional Scope

### LEGACY SYSTEM ACCESS TIMES FOR RNS

System	Contract	Data	< 2.3 sec	> 6 sec	Avg. Sec	# of Calls
RSAG	RSAGTEN	Address	x	X	X	x
RSAG	RSAGADDR	Address	X	x	X	X
ATLAS	ATLASTN	TN	x	X	X	x
DSAP	DSAPDDI	Schedule	x	X	X	x
CRIS	CRSACCTS	CSR	X	X	X	X
OASIS	OASISNET	Feature/Svc	N.	X.	1	X
OASIS	OASISBSN	Feature/Svc	х	X	X	X
OASIS	OASISCAR	Feature/Svc	X	x	x	X
OASIS	OASISLPC	Feature/Svc	×	X	X	X
OASIS	OASISMIN	Feature/Svc	x	x	X	1
OASIS	OASISOCP	Feature/Svc	X	*	X	X

### LEGACY SYSTEM ACCESS TIMES FOR LENS

System	Contract	Data	< 2.3 sec	> 6 sec	Avg. Sec	# of Calls
RSAG	RSAGTEN	Address	x	X	х	х
RSAG	RSAGADDR	Address	X	X	X .	
ATI.AS	ATLASTN	TN	1	X	×	
DSAP	DSAPDDI	Schedule	х	X	×	Х
HAL	HALCRIS	CSR	x	x	×	x
COFFI	COFIUSOC	Feature/Svc	X	x	X	X
P/SIMS	PSIMSORB	Feature/Svc	x	x	X	X

### PRE-ORDERING AND ORDERING OSS

**OSS Interface Availability** 

OSS Interface	% Availability
LENS	x
LEO Mainframe	X.
LEO UNIX	x
LESOG	x
EDI	x
HAL	X
BOCRIS	X
ATLAS/COFFI	X
RSAG/DSAP	1
SOCS	, and the same of

### Service Quality Measurements Regional Performance Reports

### **ORDERING**

Function:	Ordering
Measurement Overview:	When a customer calls their service provider, they expect to get information promptly regarding the progress on their order(s). Likewise, when changes must be made, such as to the expected delivery date, customers expect that they will be immediately notified so that they may modify their own plans. The order status measurements monitor, when compared to applicable BST results, that the CLEC has timely access to order progress information so that the customer may be updated or notified when changes and rescheduling are necessary.
Measurement	1. Percent Flow-through Service Requests = \( \sum (Total of Service Requests that flow-
Methodology:	through to the BST OSS) / (Total Number of valid Service Requests delivered to BST OSS) X 100.
	Definition: Percent Flow-through Service Requests measures the percentage of orders submitted electronically that utilize BSTs' OSS without manual (human) intervention.
	Methodology:
	<ul> <li>Mechanized tracking for flow-through service requests and manual SOER error audit reports (3/31/98). Mechanized tracking for SOER errors and flow-through (4/30/98).</li> </ul>
	BST mechanized order tracking.
	2. Percent Rejected Service Requests = ∑ (Total Number of Rejected Service Requests) / (Total Number of Service Requests Received) X 100.
	Definition: Percent Rejected Service Requests is the percent of total orders received rejected due to error or omissions.
	Methodology:
	Manual tracking for non flow-through service requests
	<ul> <li>Mechanized tracking for flow-through service requests</li> <li>BST retail report not applicable.</li> </ul>
	3 Reject Interval - \( \) [ (Date and Time of Service Request Rejection) - (Date and Time of Service Request Receipt) ] / (Number of Service Requests Rejected in Reporting Period). Requests are provided based on four (4) hour increments within a 24 hour period, along with the percent greater than 24 hours.
	Definition: Reject Interval is the average reject time from receipt of service order request to distribution of rejection.
	Methodology:
	Non-Mechanized Results are based on actual data from all orders.
	<ul> <li>Mechanized Results are based on actual data for all orders from the OSS.</li> <li>BST retail report not applicable.</li> </ul>

#### 06/15/9R

#### Service Quality Measurements Regional Performance Reports

#### **ORDERING**

#### Measurement Methodology:

4. Firm Order Confirmation Timeliness = \( \sum\_{\text{\colorable}} \) (Date and Time of Firm Order Confirmation) - (Date and Time of Service Request Receipt) ] / (Number of Service Requests Confirmed in Reporting Period)

Definition: Interval for Return of a Firm Order Confirmation (FOC Interval) is the average response time from receipt of valid service order request to distribution of order confirmation. Results are provided based on four (4) hour increments within a 24 hour period, along with the percent greater than 24 hours.

#### Methodology:

- Non-Mechanized Results are based on actual data from all orders.
- Mechanized Results are based on actual data for all orders from the OSS.
- BST retail report not applicable.
- 5. Speed of Answer in Ordering Center = ∑ (Total time in seconds to reach LCSC) / (Total # of Calls) in Reporting Period.

Definition: Measures the average time to reach a BST representative. This can be an important measure of adequacy in a manual environment or even in a mechanized environment where CLEC service representatives have a need to speak with their BST peers.

#### Methodology:

- Mechanized tracking through LCSC Automatic Call Distributor.
- Mechanized tracking through BST retail center support systems.

### ORDERING

Re	porting Dimensions:	Excluded Situations:
• • • • • •	CLEC Specific CLEC Aggregate BST Aggregate (Where Applicable) State and Regional Level ≤ 10 and ≥ 10 Circuit Categories not available in a pre completion order mode. Resale Res and Bus reporting categories require adherence to OBF standards. "Other" category reflects service requests which do not have service class code populated. Dispatch, No Dispatch ≤ 10 and ≥ 10 Circuit Categories not available in a pre completion order mode.	Firm Order Confirmation Interval: Invalid Service Requests, and orders received outside of normal business hours     Percent Flow-through Service Requests: Rejected Service Requests     % Rejected Service Requests: Service Requests canceled by the CLEC     Supplements on Manual Orders
Da	ta Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
• • • • • • •	Report Month Interval for FOC Reject Interval Total number of LSRs Total number of Errors Adjusted Error Volume Total number of flow through service requests Adjusted number of flow through service requests	Report Month Interval for FOC Reject Interval Total number of LSRs Total number of Errors Adjusted Error Volume Total number of flow through service requests Adjusted number of flow through service requests
	State and Region	State and Region

Percent Flow-Through Service Requests

	Mechanized LSRs	BST Flow	Through
Local Interconnection Trunks	X	Residence	X
UNE	x	Business	×
Resule - Residence	x	(Table	
Resale - Business	x		
Resale Special	x		
UNE : Loops w/LNP	X		
Other	x		

Percent Rejected Service Requests

	Mechanized LSRs	Non-Mechanized LSRs
Local Interconnection Trunks	X	X
UNE	X	x
Kesale Residence	*	x
Resale - Business	x	х
Resale - Special	x	x
UNE - Loops w/LNP	x	×
Other	×	x

### **ORDERING**

Reject Distribution Interval and Average Interval

	Mechanized LSRs	Non-Mechanized LSRs
Local Interconnection Trunks		
UNE	x	x
Resale - Residence	x	х
Rosale - Business	x	x
Resale - Special	x	x
UNE - Loops w/LNP	x	x
Other	x	x

Firm Order Confirmation Distribution Interval and Average Interval

	Mechanized LSRs	Non-Mechanized LSRs
Local Interconnection Trunks	X	X
UNE	x	×
Resale - Residence	x	x
Resale - Business	x	×
Resale - Special	x	x
UNE - Loops w/LNP	x	×
f Mines	x	x

Speed of Answer in Ordering Center

	Ave. Answer time (Sec.) / month
LCSC	x
Residence Service Center	×
Business Service Center	x

06/15/98

### Service Quality Measurements Regional Performance Reports

### **PROVISIONING**

Function:	Average Completion Interval and Order Completion Interval Distribution
Measurement	The "average completion interval" measure monitors the time required by BST to
Overview:	deliver integrated and operable service components requested by the CLEC, regardless
0 101 110 11.	of whether resale services or unbundled network elements are employed. When the
	service delivery interval of BST is measured for comparable services, then conclusions
ŀ	can be drawn regarding whether or not CLECs have a reasonable opportunity to
ļ	compete for customers. The "order completion interval distribution" measure monitors
	the reliability of BST commitments with respect to committed due dates to assure that
[	CLECs can reliably quote expected due dates to their retail customer. In addition, when
ŀ	monitored over time, the "average completion interval" and "percent completed on
Measurement	time" may prove useful in detecting developing capacity issues.
Methodology:	1. Average Completion Interval = \( \sum_{\text{inc}} \) [ (Completion Date & Time) - (Order Issue Date &
ivieulodology:	Time) ] / (Count of Orders Completed in Reporting Period)
	2. Order Completion Interval Distribution = ∑ (Service Orders Completed in "X" days)
ļ	/ (Total Service Orders Completed in Reporting Period) X 100
İ	7 (Total Service Orders Completed in Reporting Period) A 100
1	The actual completion interval is determined for each coder passessed during the
]	The actual completion interval is determined for each order processed during the reporting period. The completion interval is the elapsed time from BST receipt of a
	syntactically correct order from the CLEC to BST's actual order completion date.
	Elapsed time for each order is accumulated for each reporting dimension. The
	accumulated time for each reporting dimension is then divided by the associated total
]	number of orders completed within the reporting period.
	in the second complete the second period
	The distribution of completed orders is determined by first counting, for each specified
-	reporting dimension, the total numbers of orders completed within the reporting interval
	and the interval between the issue date of each order and the completion date. $D\&F$
1	orders where the CLEC serves as the agent for the end-user are included in this
	measurement. For each reporting dimension, the resulting count of orders completed
	for each specified time period following the issue date is divided by the total number of
	orders completed with the resulting fraction expressed as a percentage.
ĺ	and an interest and managing institute ashipped on a barantinger.
	Definition: Average time from issue date of service order to actual order completion
1	date
1	
	Methodology:
	Mechanized metric from ordering system

### Service Quality Measurements Regional Performance Reports

#### **PROVISIONING**

Reporting Dimensions:	Excluded Situations:
CLEC Specific     CLEC Aggregate	Canceled Service Orders     Initial Order when supplemented by CLEC
BST Aggregate     State and Regional Level     ISDN Orders included in Non Design - GA Only     Dispatch/No Dispatch categories are not	Order Activities of BST associated with internal or administrative use of local services
applicable to trunks.  Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Month CLEC Order Number Order Submission Date Order Submission Time Order Completion Date Order Completion Time Corder Completion Time Service Type Activity Type State and Region	Report Month     Average Order Completion Interval     Order Completion by Interval     Service Type     Activity Type     State and Region

### Order Completion Interval Distribution and Average Completion Interval

RESALE RESIDENCE	Same Day	1	2	3	4		>6	Average Completion Interval
Dispatch								
CLEC orders	1							1
< 10 circuits	K	×	ж	×	×	ж	×	l x
>= 10 circuite	×	K	×	×	×	×	×	x
BST orders								
< 10 circuits	×	×	×	э		•	•	
>= 10 circusts				A	•	<b>A</b>	A	X
No Dispatch	T							
ELECTION &	Į.							1
~ 10 circuits	X	×	×	X	×	×	×	×
>= 10 circuita	×	×	x	x	×	×	×	Х
BST orders	]							
< 10 circuits	l x	×	×	×	x	x	×	1 × i
># 10 circuts	l x	x	×	x	x	х	x	1 x

RESALE BUSINESS	Same Day	1	2	3	4	5	>5	Average Completion Interval
Dispatch								
CLEC orders	l							
< 10 circuita	×	×	×	X	×	×	k	x
>= 10 circuits	×	ж	×	×	×	×	x	×
BST orders								
< 10 circuits	×	×	×	x	×	×	×	×
>= 10 circuits	×	х	. X	Х	. <b>X</b>	X	🛦	1 4
No Dispatch								I
CLEC orders	1							!
< 10 circuits		•	•	A		×		×
11F crimicalEm	i							
BST orders								
< 10 circuits	l x	×	х	×	×	×	x	×
>= 10 circuita								1

### Service Quality Measurements Regional Performance Reports

### **PROVISIONING**

### Order Completion Interval Distribution and Average Completion Interval

UNE NON DESIGN	0 - 5	6 - 10	11 - 15	16 - 20	21 -25	26 - 30	> 30	Average Completion Interval
Dispatch								
< 10 Circuits	X	X	X	X	X	X	x	X
>= 10 Circuits	X	X	X	X	X	X	X	x
No Dispatch								
< 10 Circuits	X	×	X	X	X	X	X	X
>= 10 Circuits	X	X	X	X	X	X	X	x

UNE DESIGN	0-5	6-10	11 - 15	16 - 20	21 - 25	26 - 30	> 30	Average Completion Interval
Dispatch								
« 10 Circuits	X	X	x	X	X	X	x	x
>= 10 Circuits	X	X	x	X	X	x	X	X
No Dispatch	71.0							
< 10 Circuits	X	X	x	X	X	X	X	x
>= 10 Circuits	X	X	X	X	X	X	X	X

UNE LOOPS W/LNP	Same Day		12	3	4	5	>5	Average Completion Interval
Disputch								
« 5 Circuits	X	X	×	X	X	X	X	X
>= 5 Circuits	X	X	X	X	X	X	x	X
No Dispatch	1 12							
< 5 Circuits	X	X	X	X	X	X	x	X
>= 5 Circuits	X	X	X	X	X	X	X	X

	0-5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	>30	Average Completion Interval
LOCAL INTERCONNECTION TRUNKS	x	×	x	x	X	х	x	*

RESALE DESIGN	0-5	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	>30	Average Completion Interval
Dispatch								
CLEC orders								
< 10 Circuits	X	×	×	X	×	ж	Ä.	X.
>= 10 Circuits	×	×	X	×	×	x	X.	A
BST orders								
< 10 Circuits	×	×	×	X	*	×	<b>X</b>	K
>= 10 Circuits	_ x	X	x	X	X	X		X
No Dispatch						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
CLEC orders								
< 10 Circuits	×	×	×	>	K	×	×	ж.
>= 10 Circuits								
BST circlers								
* 10 Circuits	*		A	я.				
>= 10 Circuits	x	X	X	X	X			A

### **PROVISIONING**

Then delays occur in completing CLEC orders, the average period that CLEC orders be held for BST reasons, pending a delayed completion, should be no worse for the LEC when compared to BST delayed orders.  Mean Held Order Interval = Σ (Reporting Period Close Date - Committed Order Due late) / (Number of Orders Pending and Past The Committed Due Date) for all orders lending and past the committed due date.  This metric is computed at the close of each report period. The held order interval is stablished by first identifying all orders, at the close of the reporting interval, that both are not been reported as "completed" via a valid completion notice and have passed be currently "committed completion date" for the order. Held orders due to end-user							
ate) / (Number of Orders Pending and Past The Committed Due Date) for all orders ending and past the committed due date.  his metric is computed at the close of each report period. The held order interval is stablished by first identifying all orders, at the close of the reporting interval, that both are not been reported as "completed" via a valid completion notice and have passed							
stablished by first identifying all orders, at the close of the reporting interval, that both ave not been reported as "completed" via a valid completion notice and have passed							
seasons are included and identified in this report. For each such order the number of alendar days between the committed completion date and the close of the reporting eriod is established and represents the held order interval for that particular order. The eld order interval is accumulated by the standard groupings, unless otherwise noted, and the reason for the order being held, if identified. The total number of days occumulated in a category is then divided by the number of held orders within the same stegory to produce the mean held order interval.							
2. Held Order Distribution Intervals							
of Orders Held for ≥ 90 days) / (Total # of Orders Pending But Not Completed) X 00.							
of Orders Held for ≥ 15 days) / (Total # of Orders Pending But Not Completed) X 00.							
his "percentage orders held" measure is complementary to the held order interval but designed to reflect orders continuing in a "non-completed" state for an extended eriod of time. Computation of this metric utilizes a subset of the data accumulated for he "held order interval" measure. All orders, for which the "held order interval" equals rexceeds 90 or 15 days are counted, unless otherwise noted as an exclusion. The total number of pending and past due orders are counted (as was done for the held order sterval) and divided into the count of orders held past 90 or 15 days.							
efinition. Average time orders continue in a "non-complete" state for an extended eriod of time.							
fethodology:  Mechanized metric from ordering system.							
to the contract							

### Service Quality Measurements Regional Performance Reports

#### **PROVISIONING**

Reporting Dimensions:	Excluded Situations:
CLEC Specific CLEC Aggregate BST Aggregate State and Regional Level	Any order canceled by the CLEC will be excluded from this measurement.     Order Activities of BST associated with internal or administrative use of local services.
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Month	Report Month
CLEC Order Number	Average Held Order Interval
Order Submission Date	Standard Error for the Average Held Order
Committed Due Date	Interval
Service Type	Service Type
Hold Reason	Hold Reason
State and Region	State and Region

#### Held Order Interval Distribution and Mean Interval

		%>-	15 Days		I	%>=90 Days							
	Pacificia	Equip	Other	End Uno Resects	Facilities	Equip	Öther	End l'ser Remons	Mean Interval				
Local Interconnection Trunks	x	х	х	х	х	х	х	х	х				
UNE Non Design	x	x	x	x	x	x	x	x	×				
UNE Design	x	x	x	×	x	x	×	λ	×				
Resale - Residence	x	x	x	×	x	×	x	×	×				
Resale - Business	х	x	x	x	x	x	x	x	x				
Resale - Design	х	×	x	x	x	x	x	x	×				
UNE - Loops w/LNP	х	x	x	x	x	x	x	x	x				
BST Retail Residence	X	X	×	×	X	х	х	X	X				
BST Retail Business	x	x	×	x	x	x	x	x	×				
BST Retail Design	×	x	x	x	x	x	x	х	x				

#### **PROVISIONING**

Function:	Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notice.
Measurement Overview:	When BST can determine in advance that a committed due date is in jeopardy it will provide advance notice to the CLEC. There is no equivalent BST analog for Average Jeopardy & Percent Orders Given Jeopardy Notices.
Measurement Methodology:	<ol> <li>Average Jeopardy Interval = [∑ (Date and Time of Scheduled Due Date on Service Order) - (Date and Time of Jeopardy Notice)]/[Number of Orders in Jeopardy in Reporting Period).</li> </ol>
	2. Numbers of Orders Given Jeopardy Notices in Reporting Period/Number of Orders in Reporting Period.

Reporting Dimensions:	Excluded Situations:
CLEC Specific	Any order canceled by the CLEC will be
CLEC Aggregate	excluded from this measurement
State and Regional Level	Orders held for CLEC end user reasons
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Month	No BST Analog Exists
CLEC Order Number	
Order Submission Date	}
Committed Due Date	
Service Type	

Average Jeopardy Notice Interval & Percentage of Orders Given Jeopardy Notice.

	Average Interval of Prior Notification (Hours)	Percent Orders in Jeopardy
. <u> </u>		
Local Interconnection Trunks	X	X
Resale Residence	Х	X
Resale Business	х	X
Resale Design	X	X
UNF Loops with LNP	X	X
UNE	X	X

### Service Quality Measurements Regional Performance Reports

Function:	Installation Timeliness, Quality & Accuracy								
Measurement Overview:	The "percent missed installation appointments" measure monitors the reliability of BST commitments with respect to committed due dates to assure that CLECs can reliably quote expected due dates to their retail customer as compared to BST. Percent Provisioning Troubles within 30 days of Installation measures the quality and accuracy of installation activities.								
Measurement Methodology:	<ol> <li>Percent Missed Installation Appointments = ∑ (Number of Orders missed in Reporting Period) / (Number of Orders Completed in Reporting Period) X 100</li> </ol>								
	Percent Missed Installation Appointments is the percentage of total orders processed for which BST is unable to complete the service orders on the committed due dates. Misse Appointments caused by end-user reasons will be included and reported separately.								
	Definition: Percent of orders where completion's are not done by due date. See "Exclude Situations" for orders not included in this measurement								
	Methodology:  • Mechanized metric from ordering system								
	2. % Provisioning Troubles within 30 days of Installation = ∑ (Trouble reports on Services installed ≤ 30 days following service order(s) completion) / (All Installation calendar month) X 100								
	Definition: Measures the quality and accuracy of completed orders								
	Methodology: Mechanized metric from ordering and maintenance systems.								
	3. Percent Order Accuracy = (Σ Orders Completed w/o error) / (Σ Orders Complete X 100.								
	Definition: Measures the accuracy and completeness of BST provisioning service by comparing what was ordered and what was completed.								
	Methodology: Non-Mechanized Results are based on an audit of a statistically valid sample Mechanized Results are based on an audit of a statistically valid sample								

#### PROVISIONING

Reporting Dimensions:	Excluded Situations:						
CLEC Specific CLEC Aggregate BST Aggregate State and Regional Level	CLEC End User Reasons (Jeopardy Notification only) BST End User Reasons (, Jeopardy Notification only) Orders canceled by the CLEC Order Activities of BST associated with internal or administrative use of local services.						
Data Retained Relating to CLEC Experience	Data Retained Relating to BST Performance						
Report Month	Report Month						
CLEC Order Number	BST Order Number						
Order Submission Date	Order Submission Date						
Order Submission Time	Order Submission Time						
Status Type	Status Type						
Status Notice Date	Status Notice Date						
Status Notice Time	Status Notice Time						
Standard Order Activity	Standard Order Activity						
State and Region Level	State and Region Level						

06/15/98

#### Service Quality Measurements Regional Performance Reports

### **PROVISIONING**

Percent Missed Installation Appointments

		Dis	eatch			No-D	ispatch			Di	spetch			No-D	ispetch	
	<5 ckts		>=5 ckts		<5 ckts		>=5 ckts		<10 ckts		>=10 ckts		<10 ckts		>-10	ckts
	CLECEU	lis		İst	LINCOLU	SIT	LECTU	10.0	1.00	847	CLEORY	BAT	LECOLU	<b>131</b> "	TLIGHT.	967
Local Interconnection							T	Г				П				
Trunks (Total Only)		H		ĺ				l	H			Į.				l
- Total											1	•			1	
UNE Non Design									x	х	х	x	х	х	х	х
- Total		_					1	<b></b>								
UNE Design									x	x	×	x	×	x	x	x
- Total									$\Box$							
Resale - Residence									x	x	X	×	x	x	x	x
- Total															1	
Resale - Business									x	х	х	T <sub>x</sub>	×	x	х	x
- Total									11		<u> </u>		<del></del>		<del>                                     </del>	1
Resale - Design									x	x	×	×	x	x	x	x
- Total									<u> </u>				<u> </u>		1	
UNE - Loops w/LNP	x	x	х	х	x	х	x	x							1	
- Total													1			

Percent Missed Installation Appointments—End User Caused Missed Appointments

		Die	patch			No-Dispatch					spatch		No Dispatch				
	-5 ckta			-5 ckts		kta	ens chia		- 10 ckts		10 ckts		< 10 ckts		10		
	CLUCKE	31	CLECAL	EST	LECOLU	141	LECALO	Set	1.5%.10	1887	CLUCIO	BET	CLEC NA	857	TICIU	BST	
Local Interconnection					T										1	T	
Trunks (Total Only)	i.						1				1		1		Į		
- Total														•		-	
UNE Non Design									x	х	X	l x	×	λ	x	×	
Total		•			<b>†</b>				t		<del> </del>		1		<b>†</b>		
UNIF Design				T			T		х	х	x	x	x	x	x	x	
- Total		_		-	<del>                                     </del>			1			<del>  ^</del> -	1 ^	<del>  ^ </del>		Ĥ		
Resale - Residence									x	х	x	x	х	x	x	x	
- Total	1	_			$\vdash$				<u> </u>		T		<del></del>		1		
Resale - Business				T					x	х	x	X	x	x	x	x	
- Total		_									<u> </u>		<del> </del>		<del>                                     </del>	1 "	
Resale - Design									x	x	λ	x	,	Ι,	λ	X	
· lotal							<b>—</b>	1	<u> </u>			-	1		1	1	
UNE - Loops w/LNP		х	х	x	x	х	х	х									
- Total																	

Percent Provisioning Troubles within 30 days of Installation

	Dispatch	No-Dispatch	Total Only
Local Interconnection			X
Trunks (CLEC & BST)			
UNE Non Design	x	x	
UNE Design	x	x	
Resale - Residence	x	x	
Resale - Business	x	x	
Resale - Design	x	x	
UNE - Loops w/LNP	x	x	
BST Retail Residence	X	X	
ish I Retail Business	x	x	
BST Retail Design	x	x	

Percent Order Accuracy

		Dis	patch			No-D	ispatch			Di	spatch	No-Dispatch				
	<5 ckts	<5 ckts		>=5 ckts		<5 ckts		>=5 ckts		ckts	>=10 ckts		<10 ckts		>=10 ckts	
	CLECAEN	351	CLECK	BST	LECEU	83T	CLECAEU	BST	TEC/ER	BST	CLECTU	221	CLEC/EU	BST	CUCAU	BST
Local Interconnection		X														-
Trunks (Total Only)											1000					1
- Total														-	1	-
UNE Non Design										X		X		X		X
- Total						-							-			1
UNE Design										X		X		£		X
Total													1			_
Resale - Residence										X		X		X		X
· Total										-			-		-	
Resale - Business			1							X		X		X		X
- Total								_								_
Resale - Design										X		X		X		X
· Total																
UNE - Loops w/LNP		Х		X		X		X								
- Total					$\vdash$										-	

### Service Quality Measurements Regional Performance Reports

Function:	Coordinated Customer Conversions
Measurement Overview:	This category measures the average time it takes BST to disconnect an unbundled loop from the BST switch and cross connect it to a CLEC's equipment. This measurement only applies to service orders with and without LNP and where the CLEC has requested BST to provide a coordinated cut-over
Measurement Methodology	1. Average Coordinated Customer Conversion Interval = [Σ [(Completion Date and Time for Cross Connection of an Unbundled Loop/with LNP)- Disconnection Date and Time of an Unbundled Loop/ with LNP)]] / Total Number of Unbundled Loop Orders with/LNP for the reporting period.

Reporting Dimensions:	Excluded Situations:
CLEC Specific CLEC Aggregate State and Regional Level  State and Regional Level	Any order canceled by the CLEC will be excluded from this measurement.  Delays due to CLEC following disconnection of the unbundled loop  Any order where the CLEC has not requested a coordinated cut over  Unbundled Loops where there is no existing subscriber loop.
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Month     CLEC Order Number	No BST Analog Exists
<ul> <li>Order Submission Date</li> <li>Committed Due Date</li> <li>Service Type</li> </ul>	

### Coordinated Customer Conversions

	Average Interval
UNE Loops without LNP	1 ×
UNE Loops with LNP	X

### Service Quality Measurements Regional Performance Reports

#### **PROVISIONING**

Average Completion Notice Interval
The receipt of a completion notice by the CLEC from BST informs the carrier that their
formal relationship with a customer has begun. This is useful to the CLEC in that it lets them know that they can begin with activities such as billing the customer for service.
1. Average Completion Notice Interval = Σ[(Date & Time of Notice of Completion) - (Date & Time of Work Completion)] / (Number of Orders Completed in Reporting Period)
Definition: The Completion Notice Interval is the clapsed time between the BST reported completion of work and the issuance of a valid completion notice to the CLEC. There is no equivalent BST Retail Measurement.

Reporting Dimensions:	Excluded Situations:
<ul> <li>Under Development</li> </ul>	Under Development
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Under Development	• N/A
•	

### Average Completion Notice Interval

Reported Month:

	Average Interval				
CLEC A					
CLEC AGGREGATE					
- Resale Residence	X				
- Resale Business	X				
- Resale Special	X				

### Service Quality Measurements Regional Performance Reports

#### MAINTENANCE & REPAIR

Function:	OSS Response Interval
Measurement Overview:	This measure is designed to monitor the time required for the CLEC interface system to obtain from BST's legacy systems the information required to handle maintenance and repair functions. This measure also addresses the availability of the OSS interface for repair and maintenance.
Measurement Methodology:	1. OSS Interface Availability - (Actual Availability)/(Scheduled Availability) X 100
	Definition: This measure shows the percentage of time the OSS interface is actually available compared to scheduled availability. Availability percentages for the CLEC and BST interface systems and for legacy systems accessed by them are captured.
	Methodology: Mechanized reports from OSSs.
	2 OSS Response Interval = Access Times in Increments of Less Than or Equal to 4 Seconds, Greater Than 4 Seconds but Less Than or Equal to 10 Seconds, Less Than or Equal to 10 Seconds, Greater Than 10 Seconds, or Greater Than 30 Seconds.
	Definition: Response intervals are determined by subtracting the time a request is submitted from the time the response is received. Percentages of requests falling into the categories listed above are reported, along with the actual number of requests falling into those categories. This measure provides a method to compare BST and CLEC response times for accessing the legacy data needed for maintenance & repair functions.
	Methodology: Mechanized reports from OSSs.

OSS Maintenance and Repair Interface Availability

OSS Interface	% Availability
CLEC TAFI	X
BST TAFI	X
LMOS Host	X
MARCH	X
SOCS	Х

### Service Quality Measurements Regional Performance Reports

#### MAINTENANCE & REPAIR

### OSS MAINTENANCE AND REPAIR RESPONSE INTERVAL

	T								: <del>-</del>	Average Response Time								
	Transaction Totals		≤ 4 Seconds ≥ 4 and ≤ 10 Seconde		< 10.0 Sec.			> 10 Sec.			> 30 Sec							
Transaction Name	CLIC	BL/S	BAT RAS	CLEC	904	96T 7.85	CLEC	REST	BST BC/S	CLEC	BST RES	BUT	CLEC	RES	BALTS	CLEC	RES	BST
CRIS	1												1					$\Box$
- Count	X	X	X	X	X	X	X	Х	X	х	Х	х	х	х	х	X	X	X
- % of Total	1			X	X	Х	X	X	X	Х	Х	Х	Х	X	X	X	X	X
DLETH	1				1				ĺ				I			1	l	
- Count	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	X	X	X
- % of Total	1			X	X	X	X	X	Х	X	X	Х	X	Х	X	X	Х	X
DLR		1			1				l				ĺ	1		Ì	1	
- Count	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
- % of Total	1	ـــــ	ļ	X	X	X	X	Х	Х	Х	Х	Х	Х	X	Х	Х	X	X
OSPCM	1		۱	۱	1	۱	۱.,	١.,	۱.,	١	۱	۱.,		١		١.,	١.,	l
Count	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
- % of Tota!	+		<del> </del>	X	-	_^	<u> </u>	- ^			-^-	^	Х			-	^	X
LMOS - Count	l <sub>x</sub>	I٠	١.,	l .		l	۱.	.	l u		L.	۱				١		١
- Count - % of Total	^	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	-	<del></del>	<del> </del>	X	X	X	X	X	X	Х	X	X	X	Х	X	X	X	Х
I.MOSupd	l	١	١	۱		۱	Ι.,	l		١		١	١	١		١		.
· Count	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
- % of Total MARCII	<del> </del>	<b> </b>	<b> </b>	X	X	X	1 ×	X	-				<u> </u>	<b>-^</b>	<del>  ^</del>	<del>  ^</del>	_^_	<del>  ^</del>
- Count	l <sub>x</sub>	l x	l x	x	l x	l x	x	×	l x	x	l x	x	x	l x	x	Ιx	l x	l x
- % of Total	^	۱^	^	ı â	Îŝ	l â	l â	î	Ιŝ	î	l â	x	l â	Ιŝ	Î	Ιŵ	l â	l â
Predictor	<del>  -</del> -	<del>                                     </del>	┼	<del>  ^</del> -	<del>  ^</del>	<del>  ^</del>	<del>  ^</del>		<del>  ^</del>	<del>  ^-</del> -	<del>  ^</del>	<del>  ^-</del> -	<del>  ^</del>	<del>  ^-</del> -	<del>  ^-</del>	<del>  ^</del> -	<del> </del> -	<del>  ^-</del> -
- Count	l x	l x	x	l x	x	x	x	x	х	x	x	х	x	x	х	l x	l x	l x
- % of Total	1	1^	^	x	l â	x	Ιŝ	Ιŝ	Î	x	x	x	x	Î	x	Ιŵ	l â	l â
SOCS	+	<del>                                     </del>		<del>  ^</del>	<del>l ^</del>	<del>  ^</del>	<del>  ^</del>	<del>^</del>	<del>^</del>	<del>  ^</del>	<del>  ^</del>	<del>- ^-</del>	<del>  ^^</del>	<del>  ^</del>	<del>- ^-</del>	<del>  ^</del> -	<del>  ^</del>	<del>  ^</del>
· Cou.	x	l x	l x	l x	l x	x	l x	x	x	x	x	x	x	x	x	l x	l x	x
· % of Total	1	Ι"	1"	Ιŝ	Ιŝ	Î	Î	Ιŝ	l x	x	l x	l x	l x	l x	l x	l x	x	l x
LNP	<del> </del>		<del>                                     </del>	<del></del>	<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<del></del>	<del></del>	<del></del>	<u> </u>	<del>                                     </del>	1		1	<del>                                     </del>	<del></del>
- Count	l x	x	l x	x	l x	x	l x	x	x	x	x	x	x	x	X	x	x	x
· % of Total				X	X	X	X	x	X	x	х	X	X	X	x	X	x	X

Function:	Average Answer Time - Repair Centers
Measurement	This measure a monitors that BNTs handling of support center calls from CLECs.
Overview	are comparable with support center calls by BST's retail customers.
Measurement	1. Average Answer Time for BST's Repair Centers = (Total time in seconds for BST's
Methodology:	Repair Centers response) / (Total number of calls) by reporting period
	Definition: This measure demonstrates an average response time for the CLEC to contact a BST representative
	Methodology: Mechanized report from Repair Centers Automatic Call Distributors.

Average Answer Time - Repair Centers

	Average Answer Time/Month in Seconds							
1	Business Repair   BST Resale   Residence   UNE Cer							
	Center	Repair Center	Repair Center					

Region Total X X X X

M/	<b>LINTENA</b>	NCE	& RI	PAIR
_	37155	_		7.5

Function:	Missed Repair Appointments			
Measurement Overview:	When the data for this measure is collected for BST and a CLEC it can be used to compare the percentage of accurate estimates of the time required to complete service repairs for BST and the CLEC.			
Measurement Methodology:	<ol> <li>Percentage of Missed Repair Appointments = (Count of Customer Troubles Not Resolved by the Quoted Resolution Time and Date) / (Count of Customer Trouble Tickets Closed) X 100.</li> </ol>			
	Definition: Percent of trouble reports not cleared by date and time committed. Note: Appointment intervals vary with force availability in the POTS environment. Specials and Trunk intervals are standard interval appointments of no greater than 24 hours.			
	Methodology: Mechanized metric from maintenance database(s).			

Reporting Dimensions:	Excluded Situations:					
CLEC Specific  CLEC Aggregate  BST Aggregate  State and Regional Level	Trouble tickets canceled at the CLEC request     BST trouble reports associated with internal or administrative service					
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:					
Report Month	Report Month					
CLEC Ticket Number	BST Ticket Number					
Ticket Submission Date	Ticket Submission Date					
Ticket Submission Time	Ticket Submission Time					
Ticket Completion Time	Ticket Completion Time					
Ticket Completion Date	Ticket Completion Date					
Service Type	Service Type					
<ul> <li>Disposition and Cause (Non-Design/Non-Special only)</li> </ul>	Disposition and Cause (Non-Design/Non-Special only)					
State and Region Level	State and Region Level					

Missed Repair Appointments

	Total	Dispa	tch	No Dist	astch
		CLEC/EU	BST	CLEC/EU	BS
Local Interconnection Trunks **					
- Total					
Resale Residence	X	X	Х	X	X
- Total		X		X	
Resale - Business	X	X	X	X	X
- Total		X		X	
Resale Design **					
- Total					
UNE Design **		/C 1			
Total					
UNI Non Design	X	X	X	X	X
- Total		X		X	
BST					
Local Interconnection Trunks **					
Retail Residence	x	х		X	
Retail Business	x	×			

06/15/98

### Service Quality Measurements Regional Performance Reports

Retail Design **	X	X	X	the transfer of the same
Note**. Customer Trouble Reports relat	ed to Interconnect	on Trunks and Dunigs services are not gi	ven appointments, but are handled on a	priority first in. first our been

### MAINTENANC & REPAIR

Function:	Customer Trouble Report Rate
Measurement Overview:	This measure can be used to establish the frequency (rate) of customer trouble reports and employed to compare CLEC with BST results.
Measurement Methodology:	1. Customer Trouble Report Rate = (Count of Initial and Repeated Trouble Reports in the Current Period) / (Number of Service Access Lines in Service at End of the Report Period) X 100. Note: Local Interconnection Trunks are reported only as total troubles.
	The Customer Trouble Report Rate is computed by accumulating the number of maintenance initial and repeated trouble reports during the reporting period. The resulting number of trouble reports are divided by the total number of "service access lines" existing for CLECs and BST respectively at the end of the report period.
	Definition: Initial and repeated customer direct or referred troubles reported within a calendar month (Where cause is not in: customer premises equipment, inside wire, or carrier equipment) per 100 lines/circuits in service.
	Methodology: Mechanized metric for trouble reports and lines in service.

Re	porting Dimensions:	Excluded Situations:
•	CLEC Specific CLEC Aggregate BST Aggregate State and Regional Level	Trouble tickets canceled at the CLEC request BST trouble reports associated with administrative service Trouble reports where the cause is located in the end-user's CPE/CPIW
Da	ta Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
	Report Month	Report Month
	CLEC Ticket Number	BST Ticket Number
	Ticket Submission Date	Ticket Submission Date
•	Ticket Submission Time	Ticket Submission Time
•	Licket Completion Time	Ticket Completion Time
•	Ticket Completion Date	Ficket Completion Date
•	Service Type	Service Type
•	Disposition and Cause (Non-Design/Non-Special only)	Disposition and Cause (Non-Design Non Special only)
•	State and Region Level	State and Region Level

### Service Quality Measurements Regional Performance Reports

#### MAINTENANCE & REPAIR

**Customer Trouble Report Rate** 

	Diapatch	No Dispatch	Total
Local Interconnection Trunks	X	X	X
Resale Residence	x	x	x
Resale Businesa	x	x	x
Resale Design	x	x	x
UNE Design	x	x	x
UNE Non Design	x	x	x
HST			
Local Interconnection Enanks	x	λ	x
Ratail Residence	x	x	x
Rotail Business	x	x	x
Retail Design	x	x	x
UNE Loop w/LNP		x	x

Function:	Quality of Repair & Time to Restore
Measurement	This measure, when collected for both the CLEC and BST and compared, monitors that
Overview:	CLEC maintenance requests are cleared comparably to BST maintenance requests.
Measurement Methodology:	3. Maintenance Average Duration = (Total Duration Time from the Receipt to the Clearing of Trouble Reports ) / (Total Out of Service Troubles)
	4. Percent Repeat Troubles within 30 Days = (Total Repeated Trouble Reports within 30 Days) / (Total Troubles) X 100
	5. Out of Service (OOS) > 24 Hours = (Total Troubles OOS > 24 Hours) / (Total OOS Troubles) X 100
	Definition: For Out of Service Troubles (no dial tone, cannot be called or cannot call out): the percentage of troubles cleared in excess of 24 hours.
	For Percent Repeat Trouble Reports within 30 Days: Trouble reports on the same
	line/circuit as a previous trouble report within the last 30 calendar days as a percent of total troubles reported.
	For Average Duration: Average time from the receipt of a trouble until the trouble is cleared.
	Methodology: Mechanized metric from maintenance database(s).

06/15/98

### Service Quality Measurements Regional Performance Reports

### MAINTENANCE & REPAIR

Reporting Dimensions:	Excluded Situations:
CLEC Specific CLEC Aggregate BST Aggregate State and Regional Level	Trouble reports canceled at the CLEC request     BS1 trouble reports associated with     administrative service
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
<ul> <li>Report Month</li> <li>Total Tickets</li> <li>CLEC Ticket Number</li> <li>Ticket Submission Date</li> <li>Ticket Submission Time</li> <li>Ticket Completion Time</li> <li>Ticket Completion Date</li> <li>Total Duration Time</li> <li>Service Type</li> <li>Disposition and Cause (Non-Design/Non-Special only)</li> <li>State and Region Level</li> </ul>	Report Month     Total Troubles     Percentage of Customer Troubles Out of Service > 24 Hours     Total and Percent Repeat Trouble Reports with 30 Days     Total Duration Time     Service Type     Disposition and Cause (Non-Design/Non-Special only)     State and Region Level

### Service Quality Measurements Regional Performance Reports

### MAINTENANCE & REPAIR

Maintenance Average Duration

	Dispatch	No Dispatch	Total
Local Interconnection Trunks	X	X	X
Resale Residence	x	x	x
Resale Business	x	x	x
Resale Design	x	x	x
UNE Design	x	x	X
UNE Non Design	x	x	X
BST			
Local Interconnection Trunks	x	x	x
Retail Residence	x	x	x
Retail Business	x	x	x
Retail Design	x	x	x

Percent Repeat Trouble within 30 Days

	Dispatch	No Dispatch	Total
Local Interconnection Trunks	X	X	X
Resale Residence	x	x	x
Resale Business	×	x	x
Resale Design	x	x	<b>X</b>
UNE Design	x	x	N.
UNE Non Design	x	х	x
BST			
Local Interconnection Trunks	x	x	x
Retail Residence	x	x	•
Retail Business	×	A	`
Retail Design	X	X	X

#### Out of Service more than 24 Hours

	Dispatch	No Dispatch	Total
Local Interconnection Trunks	X	X	X
Resale Residence	x	x	<b>\</b>
Resale Business	x	A	<b>\</b>
Resale Design		x	X
JNI: Design	X	х	X
UNE Non Design	x	x	`
BST			
Local Interconnection Trunks	x	x	•
Retail Residence	`		*
Betail Histories	<b>\</b>	X	X

#### 06/15/98

### **EXHIBIT 1**

### Service Quality Measurements Regional Performance Reports

Retail Design	X	X	" T	X

#### **BILLING**

Function:	Invoice Accuracy & Timeliness
Measurement	The accuracy of billing invoices delivered by BST to the CLEC must provide CLECs
Overview:	with the opportunity to deliver bills at least as accurate as those delivered by BST.
	Producing and comparing this measurement result for both the CLEC and BST allows a determination as to whether or not parity exists.
Measurement	1. Invoice Accuracy = [(Total Local Services Billed Revenues during current
Methodology:	month) - (/Total Adjustment Revenues during current month/) / Total Local Services Billed Revenues during current month) x 100
	This measure provides the percentage accuracy of the billing invoices for a CLEC by
	dividing the difference between the total billed revenue and total adjustment revenues by the total billed revenues during the current month.
	2. Mean Time to Deliver Invoices = $\Sigma$ (Invoice Transmission Date) - (Date of
	Scheduled Bill Cycle Close)]/(Count of Invoices Transmitted in Reporting Period) This measure provides the mean interval for billing invoices. CRIS-based invoices should be delivered within six (6) workdays, and CABS-based invoices should be delivered within eight (8) calendar days.
	Objective: Measures the percentage of accuracy and mean interval for timeliness of billing records delivered to CLECs in an agreed upon format

Reporting Dimensions:	Excluded Situations:
CLEC Specific	Any invoices rejected due to formatting or
CLEC Aggregate	content errors
BST Aggregate	
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Monthly	Report Monthly
Invoice Type	Retail Type
Resale	■ CRIS
<ul> <li>Unbundled Element Invoices (UNE)</li> </ul>	■ CABS

### Invoice Accuracy

### Reported Month:

Invoice Type:

	Total Billed Revenues	Total Adjustment Revenues	<sup>6</sup> в Ассигасу
CLEC A	x	X	x
CLEC AGGREGATE	Х	X	X
BST AGGREGATE	X	X	X

#### Invoice Timeliness

Reported Month:

	% CRIS Bills Released (by 6" Workday)	% CABS Bills Released (By 8th Workday)
CLEC Specific Region		
CLEC Aggregate Region		
	•	······································
Resaic	^	1

06/15/98

### Service Quality Measurements Regional Performance Reports

BST Aggregate		
Region	X	X

### BILLING

Function:	Usage Data Delivery Accuracy, Timeliness & Completeness
Measurement	The accuracy of usage records delivered by BST to the CLEC must provide CLECs
Overview:	with the opportunity to deliver bills at least as accurate as those delivered by BST.
	Producing and comparing this measurement result for both the CLEC and BST allows a
	determination as to whether or not parity exists.
Measurement	1. Usage Data Delivery Accuracy = (Total number of usage data packs sent
Methodology:	during current month) - (Total number of usage data packs requiring
	retransmission during current month) / Total number of usage data packs sent
	during current month
	This measurement captures the percentage of recorded usage and recorded usage data
	packets transmitted error free and in an agreed upon format to the appropriate CLEC, as
	well as a parity measurement against BST Data Packet Transmission.
	2. Usage Data Delivery Completeness = (Total number of Recorded usage
	records delivered during the current month that are within thirt; (30) days of
	the message(usage record) create date) / (Total number of Recorded usage
	records delivered during the current month)
	This measurement provides percentage of recorded usage data (BellSouth recorded and
	usage recorded by other carriers) processed and transmitted to the CLEC within thirty
	(30) days of the message (usage record) create date. A parity measure is also provided
	showing completeness of BST messages processed and transmitted via CMDS.
	3. Usage Data Delivery Timeliness = (Total number of usage records sent within six(6) calendar days from initial recording/receipt) / (Total number of usage records sent)
	This measurement provides percentage of recorded usage data(BellSouth recorded and
	usage recorded by other carriers) delivered to the appropriate CLEC within six (6)
	calendar days from initial recording. A parity measure is also provided showing
	timeliness of BST messages processed and transmitted via CMDS.
	Objective: The purpose of these measurements is to demonstrate the level of quality
	and timeliness of processing and transmission of both types of usage data (BellSouth recorded and usage recorded before other carriers) to the appropriate CLEC.
	Methodology: The usage data will be mechanically transmitted to the CLEC data processing center once daily. Timeliness and completeness measures are reported on the same report.

### BILLING

Reporting Dimensions:	Excluded Situations:
CLEC Aggregate     CLEC Specific     BST Aggregate	• None
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:
Report Monthly     Record Type     CMDS (Centralized Message Delivery System)     Non-CMDS	Report Monthly Record Type

# Usage Date Delivery Accuracy Reported Month:

Reported Month	Total Data Packs Sent	Total Packs Requiring Retransmission	% Accuracy
CLEC A	X	X	X
CLEC Aggregate	X	X	X
BST Aggregate	X	X	X

### Usage Records Timeliness and Completeness

Report Period:

CLEC A		CLEC Aggregate			BST Aggregate			
Days Delay	Total Volume	Cumulative %	Days Delay	Total Volume	Cumulative %	Days Delay	Total Volume	Cumulative
X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X

Service Quality Measurements Regional Performance Reports

OPERATOR SERVICES: TOLL ASSISTANCE AND DIRECTORY ASSISTANCE (Toll, DA)

Function: Speed to Answer Performance

Function:	Speed to Answer Performance
Measurement Overview:	The speed of answer delivered to CLEC retail customers, when BST provides Operator Services with Toll Assisted Calls or Directory Assistance on behalf of the CLEC, must be substantially the same as the speed of answer that BST delivers to its own retail customers, for equivalent local services. The same facilities and operators are used to handle BST and CLEC customer calls, as well as inbound call queues that will not differentiate between BST & CLEC service.
Measurement	
Methodology:	1. Average Speed to Answer (Toll) = Σ (Total Call Waiting Seconds) / (Total Calls Served)
	2. Percent Answered within "X" Seconds (Toll) =
	Derived by converting the Average Speed to Answer (Toll) using BellCore Statistical Answer Conversion Tables, to arrive at a percent of calls answered in less than ten seconds.
	3. Average Speed to Answer (DA) =
	Σ (Total Call Waiting Seconds) / (Total Calls Served)
	4. Percent Answered within "X" Seconds (DA) = Derived by converting the Average Speed to Answer (DA) using BellCore Statistical. Answer Conversion Tables, to arrive at a percent of calls answered in less than twelve seconds.
	Definition:  Measurement of the average time in seconds calls wait before answer by a Toll or DA operator and the percent of Toll or DA calls that are answered in less than a predetermined time frame.
	Methodology:
	The Average Speed to Answer for Toll and DA is provided today from monthly system measurement reports, taken from the centralized call routing switches. The "Total Call Waiting Seconds" is a sub-component of this measure, which BellSouth systems calculate by monitoring the total number of calls in queue throughout the day multiplied by the time (in seconds) between monitoring events. The "Total Calls Served" is the other sub-component of this measure, which BellSouth systems record as the total number of calls handled by Operator Services Toll or DA centers.
	The Percent Answered within ten and twelve seconds measurement for Toll and DA is derived by using the BellCore Statistical Answer Conversion Tables, to convert the Average Speed to Answer measure into a percent of calls answered within ten/twelve seconds. The BellCore Conversion Tables are specific to the defined parameters of work time, # of operators, max queue size and call abandonment rates
70.00	Current HellSouth call center awitch technology and business operations do not provide mechanized measurements differentiating between human versus machine call answer processing methods.

06/15/98

#### Service Quality Measurements Regional Performance Reports

OPERATOR SERVICES: TOLL ASSISTANCE AND DIRECTORY ASSISTANCE (Toll, DA)

Reporting Dimensions:	Excluded Situations:		
Toll Assistance (Toll) in Aggregate     Directory Assistance (DA) in Aggregate     State	Calls abandoned by customers prior to answer by the BST Toll or DA operator		
Data Rotalnod (On Aggregate Basis):			
Month			
Call Type (Toll or DA)			
Average Speed of Answer			

#### Report Formats:

Separate Reports will be produced for Each State in the BellSouth Region:

## Operator Services: Toll & Directory Assistance

REPORT: OPERATOR SERVICES TOLL AND DIRECTORY ASSISTANCE

REPORT PERIOD: XX/XX/19XX - XX/XX/19XX

STATE

	AVERAGE SPEED TO ANSWER (SECONDS)	% ANSWERED WITHIN "X" SECONDS
TOLL ASSISTANCE	X	% within 30 seconds
DIRECTORY ASSISTANCE	X	% within 20 seconds

### Service Quality Measurements Regional Performance Reports

E911

BellSouth's goal is to maintain 100% accuracy in the E911 database for all its CLEC resale and retail customers by correctly processing all orders for E911 database updates. The 911 database update process ensures that the CLEC's updates are handled in parity with BST's updates. BST uses Network Data Mover (NDM) to transmit both CLEC resale and BST retail E911 updates to SCC (third party E911 database vendor) once per day for the entire region. No processing distinctions are made between CLEC records and BST records. These updates are processed within 24 hours.  CLECs ordering unbundled switching and facility-based CLEC E911 providers are responsible for the accuracy of their data that is input into the E911 database. Facilities-based CLEC record updates are transmitted by the CLEC directly to SCC without any BST involvement.
When BST retail or resale records experience errors in SCC's system, the errors are not returned to BST for correction. Instead, SCC handles and corrects all errors within 24 hours for both CLEC resale records and BST retail records.  BellSouth through its E911 third party vendor provides accuracy and timeliness measurements for BST and its CLEC resale customers. In addition, BellSouth through its E911 third party vendor provides an accuracy and timeliness report for CLECs ordering unbundled switching and facilities-based CLECs.
Final Period (Number of Confirmed Orders) - (Number of Orders missed in orting Period) / (Number of Orders Confirmed in Reporting Period) X 100 inition: Measures the percentage of E911 database updates within a 24-hour period. choology: chanized metric from ordering system  E911 Accuracy = \( \Sigma \) (Total number of SOIR orders for 1911 updates) (10tal other of Service Order Interface Records (SOIRs) with errors generated from Daily activity (based on the E911 Local Exchange Carrier Guide for Facility-Based viders)   / (Total number of SOIR orders for E911 updates) X 100 inition: Measures the percentage of accurate 911 database updates choology: chanized metric from ordering system
in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in the second in

Reporting Dimensions:	Excluded Situations:	
<ul> <li>BST Aggregate (Includes CLEC resale customers)</li> <li>State and Regional Level</li> </ul>	Any order canceled by the CLEC.     Order Activities of BST associated with internal or administrative use of local services.	
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:	
Report Month CLEC Order Number Order Submission Date Order Submission Time Error Type Error Notice Date Error Notice Time Standard Order Activity	Report Month From Lype Average number of error Standard Order Activity State and Region	

06/15/98

### Service Quality Measurements Regional Performance Reports

	O I D !	the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	
	State and Region		
	Dine min stabion	1	
_	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF TH	

### E911

### E911 Timeliness

	E911 Timeliness % within 24 Hours	
CLEC A	X	
CLEC AGGREGATE	x	
BST AGGREGATE	X	

### E911 Accuracy

	E911 Accuracy %	
CLEC A	X	
CLEC AGGREGATE	X	
BST AGGREGATE	X	

## Service Quality Measurements Regional Performance Reports

## TRUNK GROUP PERFORMANCE

Function:	Interconnection Trunk Performance
Measurement Overview:	In order to ensure quality service to the CLECs as well as protect the integrity of the BST network, BST collects traffic performance data on the trunk groups interconnected with the CLECs as well as all other trunk groups in the BST network.
Measurement Methodology:	1. Comparative Trunk Group Service Summary: Provides comparative measurements of the trunk groups which exceed the blocking threshold during their busy hours, as well as the total number of trunk groups measured
	2. Trunk Group Service Report: Contains the service performance results of all final trunk groups (both BST administered trunk groups and CLEC administered trunk groups) between Point of Termination (POT) and BST tandems or end offices, by region, by CLEC, CLEC Aggregate, and BST aggregate. Specifically measures the total number of trunk groups, number of trunk groups measured, and the number of trunk groups which exceed the blocking threshold during their busy hours.
	3. Trunk Group Service Detail: Provides a detailed list of all final trunk groups between POTs and BST end offices or tandems (A-end and Z-end for BST Local trunks) including the actual blocking performance when blocking exceeds the measured blocking threshold. The blocking performance includes the observed blocking number for a particular Trunk Group Serial Number (TGSN). Blocking thresholds for all trunk groups are 3%, except BST CTTG, which is 2%. Measured Blocking =[(Total number of Blocked Calls)/(Total number of Attempted Calls)] X 100

Reporting Dimensions:	Excluded Situations:
BST Trunk Group Aggregate     CLEC Trunk Group Aggregate     CLEC Trunk Group Specific     State and Region Level	Trunk Groups for which valid traffic data measurement unavailable.
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance
Report Month	Report Month
Total Trunk Groups	Total Trunk Groups
<ul> <li>Total Trunk Group for which data available</li> </ul>	Total Trunk Group for which data available
Threshold exceptions	Threshold exceptions
Exceptions percent of the total	Exceptions percent of the total
State and Region Level	State and Region I evel
Exception Trunk detail	I sception Trunk detail

06/15/98

#### Service Quality Measurements Regional Performance Reports

## TRUNK GROUP PERFORMANCE

1. Comparative Trunk Group Service Summary

	LEC I	CLBC A	ggregate		ctia	BST	Local
# Trk Citps	Total Trk Orpa	# Trk Cirps	Total Trk Cirps	# Trk Grpu	Total Trk Grps	# Irk Grps	Total Trk Cirps
Howked	Measured	History	Magoured	Phien hoad	Messured	Him had	Mensuspel
X	X	X	X	' X	X	X	X

2. Trunk Group Service Report

											Region
<b>BST Administered</b>	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
Total Trunk Groups:	×	×	×	×	×	×	×	К	×	×	×
Trk Grps Meas/Proc:	×	×	x	×	×	×	×	×	×	x	×
Tot Grps > 3% observed blacking	×	×	x	×	×	×	x	x	x	×	X
CLEC Administered											
Total Trunk Groups:	×	X	×	×	¥	×	ж	X	×	Ж	×
Trk Grps Meas/Proc:	l x	×	×	×	×	×	x	×	x	ĸ	×
Tot Cirps > 3% observed blocking		×	×	X	ĸ	×	×	×	×	×	X
TOTAL	.1										
Total Trunk Groups:	X	×	×	X	×	×	×	ж	I	I	×
Trk Grps Meas/Proc:	×	×	×	×	×	x	x	x	×	x	×
Tot Grps > 3% observed blocking	×	x	x	x	×	x	x	x	x	×	×
· · · · · · · · · · · · · · · · · · ·											

								,			Region
BST Administered	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
Total Trunk Groups	#	Į.	ĸ	W	М	ж	R	я			K
Trk Grps Mess/Proc:	×	×	×	×	K	×	x	×	×	ж	*
Tot Grps > 3% observed blocking	×	X	x	×	x	x	×	x	x	×	×
CLEC Administered	٠					-					
Total Trunk Groups:	×	х	x	x	x	x	Х	×	×	×	×
Trk Grps Meas/Proc:	×	×	×	×	×	×	x	х	×	×	x
Tot Grps > 3% observed blocking	×	×	×	×	×	×	×	×	×	×	x
TOTAL	<u></u>										
Total Trunk Groups:	×	х	х	х	x	X	x	×	×	X	×
Trk Grps Meas/Proc:	×	×	x	×	×	x	×	×	ĸ	×	×
Tot Grps > 3% observed blocking	×	x	×	×	x	х	×	x	×	×	×
PCT1	x	×	×	×	×	к	×	×	×	×	×

#### Service Quality Measurements Regional Performance Reports

#### TRUNK GROUP PERFORMANCE

		-									
BellSouth CTTG Trunk Group											Region
BST Administered	AL	GA	KY	LA	MS	NC	NF	SC	SF	TN	TOTAL
Total Trunk Groups:	X	×	×	X	х	×	×	×	×	×	×
Trk Grps Meas/Proc:	l x	×	×	×	×	×	×	×	×	×	×
Tot Grps > 2% observed blocking	×	×	x	x	×	×	×	×	x	x	×
Independent Administered										·	
Total Trunk Groups:	×	X	ж	ĸ	ж	Х	×	×	×	×	×
Trk Grps Meas/Proc.	×	),	×	×	ж	ж	ж	*	×		ж
Tot Grps > 2% observed blocking	×	×	×	×	K	×	×	K	x	×	K
TOTAL											
Total Trunk Groups:	×	×	×	ж	ж	Ж	×	x	X	x	д
Trk Grps Meas/Proc:	×	x	x	x	×	×	×	×	x	×	×
Tot Grps > 2% observed blocking	ж	×	×	×	x	X	x	x	x	x	×
		T	1								
	ŧ i	•	•	•		•		•		•	

BellSouth Local Network											Region
BST Administered	AL	GA	KY	LA	MS	NC	NF	<b>S</b> C	SF	TN	TOTAL
Total Trunk Groups:	ж	×	x	x	х	×	x	×	×	Ж	A
Trk Grps Mees/Proc:	×	×	×	×	×	×	x	x	=	x	×
Tot Grps > 3% observed blocking	×	×	×	ж	x	×	x	x	×	x	×

## 3. Trunk Group Service Detail

#### CLEC

		BST	CLEC		OB5VD			VAL	NBR	
ORDERED	TGSN	SWITCH	POT	DESC	MAX BEKG	HR	TKS	DAYS	RPTS	RMKS
X	X	Х	X	X	X	X	X	X	X	X

**BST Common Transport Trunk Group** 

		P									
ĺ	1 1	1		1	OBST0	1	1 1	Tá 7	में से विकास	1	1
ORDERED	TUSN	MICHAL	OFFICE	DES	ALANDERG	Hills	185	DAYS	##t5	HYIF.	l
X	Х	X	X	X	\ \ \	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	X		\ \ \	\ \	1

#### **BST Local Network**

					OBSVD			VAL	NBR	
ORDERED	TGSN	A-End	Z-End	DESC	MAX BLKG	HR	TKS	DAYS	RPIS	RMKS
X	X	X	X	X	X	X	X	Х	X	х

#### Service Quality Measurements Regional Performance Reports

## TRUNK GROUP PERFORMANCE

Field Name	Description	Data Type
Switch	Identifier for the BellSouth end of the Trunk Group. Part of 37 character Common Language Location Identifier(CLLI) code.	AlphaNum(11)
POT	Identifier for the CLEC Point of Termination(POT)of the Trunk Group. Part of 37 character Common Location Language Identifier(CLLI) code.	AlphaNum(11)
TANDEM	Identifier for the BellSouth Tandem end of the Trunk Group. Part of 37 character Common Language Location Identifier(CLLI) code.	AlphaNum(11)
END OFFICE	Identifier for the BellSouth End Office of the Trunk Group Pair of 37 character Common Location Language Identifier(CLLI) code.	AlphaNum(11)
A-END	Identifier for the BellSouth Originating/Low Alpha end of the Trunk Group. Part of 37 character Common Language Location Identifier(CLLI) code.	AlphaNum(11)
Z-END	Identifier for the BellSouth Terminating/High Alpha end of the Trunk Group. Part of 37 character Common Location Language Identifier(CLLI) code.	AlphaNum(11)
DESCRPT	Describes function/operation of the Trunk Group. Part of 37 character Common Language Location Identifier(CLLI) code.	AlphaNum(15)
TGSN	Unique trunk group identifier. (Trunk Group Serial Number)	AlphaNum(8)
OBSVD BLKG	Blocking ratio determined from traffic data measurement (Total number of calls blocked/Total number of calls attempted)	Numeric

#### Service Quality Measurements Regional Performance Reports

## TRUNK GROUP PERFORMANCE

Field Name	Description	Data Type
TKS	Total number of trunks in service in a trunk group	Numeric
VAL DAYS	Total number of valid days of measurement	Numeric
NBR RPTS	Number of consecutive monthly reports for which the trunk group exceeded the measured blocking threshold	Numeric(2)
RMKS	Cause of blocking and/or release plan	AlphaNum

## Service Quality Measurements Regional Performance Reports

Collocation

Function:	Response Interval, Provisioning Interval and Timeliness for Providing Collocation Space to a CLEC in a BellSouth Central Office.
Measurement Overview:	Collocation is the placement of customer-owned equipment in BellSouth Central Offices for interconnecting to BellSouth's tariffed services and unbundled network elements. BellSouth offers both Virtual and Physical Collocation and will report its performance on these offerings separately. The milestones in the process for which measurements will be provided is: the average time to respond to a request after we have the complete application; the average time between receiving the bona fide firm order until the space is turned over to the CLEC; and the percentage of due dates on firm orders missed.
Measurement Methodology:	<ol> <li>Average Response Time = ∑ (Request Response Date &amp; Time) - (Request Submission Date &amp; Time)/Count of Request submitted in Reporting Period.</li> <li>Definition: Measures the average time from the receipt of a complete and accurate Collocation Request (including receipt of Application Fees) to the date BellSouth responds in writing.</li> <li>Methodology:</li> </ol>
	<ol> <li>Manual</li> <li>Average Arrangement Time = Σ (Date &amp; Time Collocation Arrangement is Complete) - (Date &amp; Time Order for Collocation Arrangement submitted)/Total Numbers of Collocation Arrangements Completed during Reporting Period.</li> <li>Definition: Measures the Average Time from the receipt of complete and accurate Firm Order (including Fees) to date BellSouth completes the Collocation Arrangement [Called "BellSouth complete date". Assumes space and construction complete and network infrastructure complete.]</li> </ol>
	Methodology: Manual  3. % of Due Dates Missed = (Number of Orders not completed w/i ILEC committed Due Date during reporting period) / (Number of Orders scheduled for completion in reporting period) X 100.
	Definition: Measures the percent of Collocation space request, including construction and network infrastructure, that are not complete on the due date.  Methodology: Manual

Reporting Dimensions:	Excluded Situations:     Any order canceled by the CLEC.     Time for BST to obtain any permits     Collocation contract negotiations	
State and Regional Level     Virtual     Physical		
Data Retained Relating to CLEC Experience:	Data Retained Relating to BST Performance:	
<ul> <li>Report Month</li> <li>CLEC Order Number</li> <li>Application Submission Date</li> <li>Firm Order Submission Time</li> <li>Space Acceptance Date</li> </ul>	Report Month     Application     Application Response     Firm Order     BST Completion Data	

06/15/98

## Service Quality Measurements Regional Performance Reports

Appendix A: Reporting Scope

Standard Service Groupings	Pre-Order, Ordering
	Resale Residence
	Resale Business
	Resale Special
	Local Interconnection Trunks
	UNE
	UNE - Loops w/LNP
	Provisioning
	UNE Non-Design
	UNE Design
	UNE Loops w/LNP
•	Local Interconnection Trunks
	Resale Residence
	Resale Business
	Resale Design
	BST Trunks
	BST Residence Retail
	BST Business Retail
	Maintenance and Repair
	Local Interconnection Trunks
	UNE Non-Design
	UNE Design
	Resale Residence
	Resale Business
	BST Interconnection Trunks
	BST Residence Retail
	BST Business Retail
	Local Interconnection Trunk Group Blockage
	BST CTTG Trunk Groups
	CLEC Trunk Groups

## Service Quality Measurements Regional Performance Reports

Appendix A: Reporting Scope

Standard Service Order Activities	New Service Installations     Service Migrations Without Changes
These are the generic BST/CLEC service order activities which are included in the Pre-Ordering, Ordering, and Provisioning sections of this document. It is not meant to indicate specific reporting categories.	Service Migrations With Changes     Move and Change Activities     Service Disconnects (Unless noted otherwise)
Pre-Ordering Query Types:	Address     Telephone Number     Appointment Scheduling     Customer Service Record     Feature Availability
Report Levels	CLEC State CLEC Region Aggregate CLEC State Aggregate CLEC Region BST State BST Region

## Service Quality Measurements Regional Performance Reports

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 like category, e.g. CLEC aggregate equals the sum total of all CLECs' data for a given reporting level.
	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.
april 10 mm	ATLASTN	ATLAS software contract for Telephone Number
В	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 - A front-end presentation manager used by BellSouth organizations to access the CRIS database.
	BRC	Business Repair Center - The BellSouth Business Systems trouble receipt center which serves large business and CLEC customers.
-		BellSouth Telecommunications, Inc
C	CKTID	A unique identifier for elements combined in a service configuration
	CMDS	Competitive Local Exchange Carrier Centralized Message Distribution System - BellCore administered national system used to transfer specially formatted messages among companies.
	COFFI	Central Office Feature File Interface - A BellSouth Operations System database which maintains Universal Service Order Code (USOC) information based on current tariffs.
	COFIUSOC	COFFI software contract for feature/service information
	CRIS	Customer Record Information System - The BellSouth proprietary corporate database and billing system for non-access customers and services.
	CRSACCTS	CRIS software contract for CSR information
	CSR	Customer Service Record
	CTTG	Common Transport Trunk Group - Final trunk groups between BS1 & Independent end offices and the BST access tandems.

#### Service Quality Measurements Regional Performance Reports

D	DESIGN	Design Service is defined as any Special or Plain Old Telephone Service
	100000000000000000000000000000000000000	Order which requires BellSouth Design Engineering Activities
	DISPOSITION &	Types of trouble conditions, e.g. No Trouble Found, Central Office
	CAUSE	Equipment, Customer Premises Equipment, etc.
	DLETH	Display Lengthy Trouble History - A history report that gives all activity on a line record for trouble reports in LMOS
	DLR	Detail Line Record - All the basic information maintained on a line record in LMOS, e.g. name, address, facilities, features etc.
	DOE	Direct Order Entry System - An internal BellSouth service order entry system used by BellSouth Service Representatives to input business service orders in BellSouth format.
	DSAP	DOE (Direct Order Entry) Support Application - The BellSouth Operations System which assists a Service Representative or similar carrier agent in negotiating service provisioning commitments for non- designed services and UNEs.
	DSAPDDI	DSAP software contract for schedule information
E	E911	Provides callers access to the applicable emergency services bureau by dialing a 3-digit universal telephone number.
	EDI	Electronic Data Interchange - The computer-to-computer exchange of inter and/or intra company business documents in a public standard format.
F	FLOW-THROUGH	In the context of this document, orders that are processed mechanically without human intervention.
	FOC	Firm Order Confirmation - A notification returned to the CLEC confirming that the LSR has been received and accepted, including the specified commitment date
C.		1 60 - 1 - 1
Н	HAL	"Hands Off" Assignment Logic - Front end access and error resolution logic used in interfacing BellSouth Operations Systems such as ATLAS, BOCRIS, LMOS, PSIMS, RSAG and SOCS.
	HALCRIS	HAL software contract for CSR information
1	ISDN	Integrated Services Digital Network
K		

## Service Quality Measurements Regional Performance Reports

L	LCSC	Local Carrier Service Center - The BellSouth center which is dedicated to handling CLEC LSRs, ASRs, and Preordering transactions along with associated expedite requests and escalations.
1	LEGACY SYSTEM LENS	Term used to refer to BellSouth Operations Support Systems (see OSS)  Local Exchange Negotiation System - The BellSouth LAN/web
	LENG	server/OS application developed to provide both preordering and ordering electronic interface functions for CLECs.
	LEO	Local Exchange Ordering - A BellSouth system which accepts the output of EDI, applies edit and formatting checks, and reformats the Local Service Requests in BellSouth Service Order format.
	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.
	LMOS	Loop Maintenance Operations System - A BellSouth Operations System which stores the assignment and selected account information for use by downstream OSS and BellSouth personnel during provisioning and maintenance activities.
	LMOS HOST	LMOS host computer
1	LMOSupd	LMOS updates
	LNP	Local Number Portability - In the context of this document, the capability for a subscriber to retain his current telephone number as he transfers to a different local service provider.
	LOOPS	Transmission paths from the central office to the customer premises
	LSR	Local Service Request - A request for local resale service or unbundled network elements from a CLEC.
M	MAINTENANCE & REPAIR	The process and function by which trouble reports are passed to BellSouth and by which the related service problems are resolved.
	MARCH	A BellSouth Operations System which accepts service orders, 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	NC	"No Circuits" - All circuits busy announcement

## Service Quality Measurements Regional Performance Reports

0	OASIS	Obtain Availability Services Information System - A BellSouth front-
		end processor which acts as an interface between COFFI and RNS.
	1	This system takes the USOCs in COFFI and translates them to English
		for display in RNS.
	OASISBSN	OASIS software contract for feature/service
	OASISCAR	OASIS software contract for feature/service
	OASISLPC	OASIS software contract for feature/service
	OASISMTN	OASIS software contract for feature/service
	OASISNET	OASIS software contract for feature/service
	OASISOCP	OASIS notware contract for feature/service
	ORDERING	The process and functions by which resale services or unbundled
	Olderand	network elements are ordered from BellSouth as well as the process by
		which an LSR or ASR is placed with BellSouth.
	OCDCM	
	OSPCM	Outside Plant Contract Management System - Provides Scheduling Information.
	OSS	Operations Support System - A support system or database which is
		used to mechanize the flow or performance of work. The term is used
		to refer to the overall system consisting of hardware complex, computer
		operating system(s), and application which is used to provide the
	The second second	support functions.
	OUT OF SERVICE	Customer has no dial tone and cannot call out.
P	POTS	Plain Old Telephone Service
	PREDICTOR	The BellSouth Operations system which is used to administer proactive
		maintenance and rehabilitation activities on outside plant facilities.
		provide access to selected work groups (e.g. RRC & BRC) to
	V	Mechanized Loop Testing and switching system I/O ports, and provide
		certain information regarding the attributes and capabilities of outside
	The second second	plant facilities.
	PREORDERING	The process and functions by which vital information is obtained,
		verified, or validated prior to placing a service request.
	PROVISIONING	The process and functions by which necessary work is performed to
		activate a service requested via an LSR or ASR and to initiate the prope
		billing and accounting functions.
	PSIMS	Product/Service Inventory Management System - A BellSouth database
		Operations System which contains availability information on switching
		system features and capabilities and on BellSouth service availability.
		This database is used to verify the availability of a feature or service in
		an NXX prior to making a commitment to the customer.
	PSIMSORB	PSIMS software contract for feature/service
Q		Total Contract for readingscrate
R	RNS	Regional Negotiation System - An internal BellSouth service order
		entry system used by BellSouth Consumer Services to input service
		orders in BellSouth format.
	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 validated to be accurate with state and local
	RNAGADDR	governments RNAG software contract for address search

# Service Quality Measurements Regional Performance Reports

S	SOCS	Service Order Control System - The BellSouth Operations System which routes service order images among BellSouth drop points and BellSouth Operations Systems during the service provisioning process. Service Order Interface Record - any change effecting activity to a customer account by service order that impacts 911/E911.
Т	TAFI	Trouble Analysis Facilitation Interface - The BellSouth Operations System which supports trouble receipt center personnel in taking and handling customer trouble reports. Telephone Number
U	UNE	Unbundled Network Element
V		
W	WIN	A unique identifier for elements combined in a service configuration
X		
Y		
Z		
Σ		Sum of:



3100 Cumberland Circle Atlanta GA 30339 Telephone (404) 649 8748 Lay (404) 649 8724 Madstop GAAIT 80802

Benjamin W. Fincher Anorney, State Regulatory

August 25, 1998

Blanca S. Bayo Director, Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

981082-TP

In Re: Interconnection Agreement between Sprint Metropolitan Networks, Inc. and BellSouth Telecommunications, Inc.

Dear Ms. Bayo:

Please find enclosed for filing, an original and fifteen copies of Agreement, as negotiated and executed, between Sprint Communications Company Limited Partnership ("Sprint", successor to Sprint Metropolitan Networks, Inc. "SMNI") and BellSouth Telecommunications, Inc. ("BellSouth"), in which the parties agree to terminate that interconnection agreement between SMNI and BellSouth and substitute, in lieu thereof, that interconnection agreement between Sprint and BellSouth.

This filing is being made jointly on behalf of Sprint and BellSouth. Pursuant to Section 252(e)(1) of the Telecommunications Act of 1996, we respectfully request that the Commission approve the Amendment to the Interconnection Agreement.

We are enclosing an extra copy of this transmittal letter. We ask that you please acknowledge receipt thereon and return to the undersigned in the enclosed, stamped and self-addressed envelope. Thank you for your assistance.

Sincerely,

Benjamin W. Fincher

BWF/

cc. Nancy White - BellSouth C. Everett Boyd

TE AND SZ AN IG 37

אי ב לוניוויה אינייי י וויצבר

J936 + 705 27 G

#### AGREEMENT

THIS AGREEMENT is entered into on this 15th day of July, 1998, between Sprint Communications Company Limited Partnership ("Sprint") and BellSouth Telecommunications, Inc. ("BellSouth"), (collectively the "Parties") in order to (1) terminate that certain interconnection agreement, as described herein, between Sprint Metropolitan Networks, Inc. ("SMNI", an affiliate and predecessor of Sprint) and BellSouth and (2) substitute in lieu thereof, that certain interconnection agreement, as described herein, between Sprint and BellSouth.

#### WITNESSETH:

WHEREAS, SMNI and BellSouth entered into an interconnection agreement, properly executed on March 13, 1997, effective retroactively to January 1, 1997, providing for interconnection arrangements in the State of Florida; and

WHEREAS, Sprint and BellSouth entered into an interconnection agreement, properly executed on July 1, 1997, effective July 1, 1997, providing for interconnection arrangements in the State of Florida; and

WHEREAS, SMNI was dissolved as a corporate entity on October 24, 1997; and WHEREAS, SMNI's Alternative Local Exchange Company ("ALEC") certificate number 4390, issued by the Florida Public Service Commission, was transferred to Sprint and cancelled; and

WHEREAS, all Florida ALEC operations formerly conducted by SMNI are now conducted by Sprint pursuant to its ALEC certificate number 4732;

WHEREAS, the parties agreed under Paragraph 1 of that certain Compromise and Settlement Agreement, properly executed on May 15, 1998, that within 60 days of May 15, 1998, the interconnection agreement between SMNI and BellSouth, as described herein above, would be terminated and the parties would be bound by the terms and conditions of that interconnection agreement, as described herein above, between Sprint and BellSouth:

NOW, THEREFORE, in consideration of the mutual provisions contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Sprint and BellSouth hereby covenant and agree as follows:

- 1. That certain interconnection agreement between SM/4I and BellSouth, that became effective January 1, 1997, and as described herein above, is terminated in all respects and effective July 15, 1998, is no longer valid and binding between the parties.
- 2. That effective July 15, 1998, in lieu of the SMNI/BellSouth interconnection agreement described in paragraph 1 above, the parties agree to substitute, and be bound by, the terms and conditions of that certain interconnection agreement between Sprint and BellSouth, effective July 1, 1997 and as described herein above.
- This Agreement shall be binding upon the Parties hereto, as well as their successors and assigns.
- 4. Each person who signs this Agreement in a representative capacity warrants that he or she is duly authorized to do so.

IN WITNESS WHEREOF, the parties have duly executed this Agreement on the day and year above written.

#### SPRINT COMMUNICATIONS COMPANY LIMITED PARTNERSHIP

W. RICHARD MORRIS

Vice President-Local Market Integration

7301 College Boulevard

Overland Park, Kansas 66210

BELLSOUTH TELECOMMUNICATIONS, INC.

JERRY HENDRY

Director-Interconnection Services and Prices

675 West Peachtree Street

Room 34S91

Atlanta, Georgia 30375