



REPORT ON TELECOMMUNICATIONS  
SERVICE QUALITY

MCI COMMUNICATIONS SERVICES, INC. dba  
VERIZON BUSINESS SERVICES

Lake Buena Vista Exchange

*February 12, 2007 through February 16, 2007*

Division of Competitive Markets & Enforcement

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# TABLE OF CONTENTS

<b>Category</b>	<b>Page No.</b>
I. Inter-LATA 1+ Timing Accuracy .....	2
II. Inter-LATA 1+ Billing Accuracy .....	2
III. Inter-LATA 1+ Billing per Tariff .....	2
IV. Inter-LATA Calling Card Timing Accuracy .....	3
V. Inter-LATA Calling Card Billing Accuracy .....	3
VI. Inter-LATA Calling Card Billing per Tariff .....	3

# **Report on Telecommunications Service Quality**

## **MCI Communications Services, Inc. dba Verizon Business Services**

Engineering Specialists of the Florida Public Service Commission's Division of Competitive Markets and Enforcement conduct service quality evaluations of the telecommunications services provided by Interexchange Companies (IXCs) operating within the state of Florida. Section 364.08(1), Florida Statutes, mandates that "A telecommunications company may not charge, demand, collect, or receive for any service rendered or to be rendered any compensation other than the charge applicable to such service as specified in its schedule on file and in effect at that time. A telecommunications company may not refund or remit, directly or indirectly, any portion of the rate or charge so specified or extend to any person any advantage of contract or agreement or the benefit of any rule or regulation or any privilege or facility not regularly and uniformly extended to all persons under like circumstances for like or substantially similar service."

The service evaluation objectives are (1) to evaluate a company's timing and billing through a series of automated test calls; and (2) to verify that a company is billing according to its tariff or a price list on file with the Commission.

Staff performed a service evaluation on MCI Communications Services, Inc. dba Verizon Business Services (MCI), during the period of February 12, 2007, through February 16, 2007. The test calls were conducted at a central office of the Lake Buena Vista exchange and included testing and subsequent analysis of the following areas:

- Inter-LATA 1+ Timing Accuracy
- Inter-LATA 1+ Billing Accuracy
- Inter-LATA 1+ Billing per Tariff
- Inter-LATA Calling Card Timing Accuracy
- Inter-LATA Calling Card Billing Accuracy
- Inter-LATA Calling Card Billing per Tariff

Rule 25-24.485(g), Florida Administrative Code, states, "Companies shall charge only the rates contained in their tariff." This rule applies to all sections of an evaluation.

During the service evaluation, a series of test calls were generated to measure the timing of toll calls for billing analysis. These tests were precisely timed to ensure that the elapsed times were the same for each carrier's series of calls. To evaluate the accuracy of each IXC, all test calls were completed using a computerized timing tester. Normally, calls are completed at each of the following timing intervals: 183, 182, 181, 180, 179, 178, 123, 122, 121, 120, 119, 118, 63, 62, 61, 60, 59, and 58 seconds.

Bills for these calls were analyzed and compared to the records generated by the tests for origination and time duration to develop the timing and billing accuracy summary. While the accuracy of our tests can be measured in hundredths of a second, we allow the company a tolerance of plus or minus one second.

**I. Inter-LATA 1+ Timing Accuracy**

Staff made 165 1+ test calls over MCI’s network to verify the timing accuracy. The test calls were made to numbers outside the Lake Buena Vista exchange and outside the Orlando LATA. The calls were direct dialed by dialing one plus the area code plus the seven-digit number. The results were that MCI timed all calls correctly yielding a 100 percent timing accuracy for 1+ calls. MCI exceeded the 97 percent timing accuracy objective.

<b>Table 1 Inter-LATA 1+ Timing Accuracy</b>					
	<b>Total Number of Calls</b>	<b>Number of Calls Under Timed</b>	<b>Number of Calls Over Timed</b>	<b>Percent of Calls Correctly Timed</b>	<b>97% Objective Met</b>
<b>Timing Accuracy</b>					
1+	165	0	0	100.0%	<b>Y</b>

**II. Inter-LATA 1+ Billing Accuracy**

The test calls that were evaluated for timing accuracy, found in Table 1, were used to verify the 1+ billing accuracy found in Table 2. MCI’s billing accuracy for the 165 test calls was 100 percent, exceeding the 97 percent accuracy required by rule.

<b>Table 2 Inter-LATA 1+ Billing Accuracy</b>					
	<b>Total Number of Calls</b>	<b>Number of Calls Under Billed</b>	<b>Number of Calls Over Billed</b>	<b>Percent of Calls Correctly Billed</b>	<b>97% Objective Met</b>
<b>Billing Accuracy</b>					
1+	165	0	0	100.0%	<b>Y</b>

**III. Inter-LATA 1+ Billing per Tariff**

Of the 165 1+ test calls that staff made, MCI billed all the calls correctly. Because of these results, MCI did bill per tariff.

#### IV. Inter-LATA Calling Card Timing Accuracy

Staff made 141 calling card test calls over MCI's network to verify the timing accuracy. The test calls were made to numbers outside the Lake Buena Vista exchange and outside the Orlando LATA utilizing MCI's calling card. MCI timed all calls correctly, except for one call, yielding 99.3 percent timing accuracy for its calling card calls, exceeding the 97 percent objective.

<b>Table 3 Inter-LATA Calling Card Timing Accuracy</b>					
	<b>Total Number of Calls</b>	<b>Number of Calls Under Timed</b>	<b>Number of Calls Over Timed</b>	<b>Percent of Calls Correctly Timed</b>	<b>97% Objective Met</b>
<b>Timing Accuracy</b>					
Calling Card	141	0	1	99.3%	<b>Y</b>

#### V. Inter-LATA Calling Card Billing Accuracy

The same calls that were made for the calling card timing accuracy were also used to verify the calling card billing accuracy. MCI billed all of the calls correctly, except for one call. This resulted in 99.3 percent billing accuracy exceeding the 97 percent objective.

<b>Table 4 Inter-LATA Calling Card Billing Accuracy</b>					
	<b>Total Number of Calls</b>	<b>Number of Calls Under Billed</b>	<b>Number of Calls Over Billed</b>	<b>Percent of Calls Correctly Billed</b>	<b>97% Objective Met</b>
<b>Billing Accuracy</b>					
Calling Card	141	0	1	99.3%	<b>Y</b>

#### VI. Inter-LATA Calling Card Billing per Tariff

Of the 141 calling card test calls that staff made, MCI correctly charged all of the calls. Because of these results, MCI did bill per tariff.