



**Theresa L. O'Brien**  
Vice President – Regulatory Affairs

234 Washington Street  
Providence, RI 02903

Phone 401 525-3060  
Fax 401 525-3064  
theresa.obrien@verizon.com

July 1, 2004

Ms. Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, Rhode Island 02888

Dear Ms. Massaro:

We are filing, herewith, for effect July 31, 2004, tariff material consisting of:

**RI PUC No. 15**

<b>Part/Section</b>	<b>Revision of Page(s)</b>	<b>Original of Page(s)</b>
D/1	3.1	N/A
M/4	1, 1.4, 1.5, and 2	1.6

With this filing, Verizon Rhode Island (“Verizon RI”) proposes to enhance its existing Frame Relay Service. Verizon RI’s Frame Relay Service is a data communications service that provides data connectivity between and among widely distributed locations. Data connectivity is provided via Permanent Virtual Circuit (PVC) connections implemented over access facilities utilizing a switch dedicated to high-speed data services.

Verizon RI is now introducing additional port speeds (commonly referred to as Port only service) to meet the needs of customers who require a port only option of fractional DS-1 (128 Kbps, 256 Kbps, 512 Kbps and 768 Kbps). The additional speeds will complement Verizon’s existing fractional 384 Kbps port speed. The customer will have the option of ordering the port only speeds on a month-to-month basis or under a one-, three- or five-year variable term pricing plan (VTTP).

Verizon certifies that the rates for Frame Relay Service Unbundled Port Only are not less than the Long Run Incremental Costs of providing the service.

If you have any questions regarding this filing, please contact Frances O'Neill-Cunha of my staff at 401 525-3560.

Enclosed are an original and nine copies of the tariff material. Please return a copy of this letter with your stamp of receipt.

Respectfully submitted,

Theresa L. O'Brien

Attachments

# **Verizon Rhode Island**

Tariff Filing Support Package

***Frame Relay Service Unbundled Port Only***

**July 1, 2004**

# ***Frame Relay Service Unbundled Port Only***

## **Contents**

## **Section**

Service Description

1

Rationale for Filing

2

Rate Structure

3

# ***Frame Relay Service Unbundled Port Only***

## **Section 1**

### **Service Description**

The purpose of this filing is to enhance Verizon Rhode Island's ("Verizon RI") existing Frame Relay Service. Verizon RI's Frame Relay Service is a data communications service that provides data connectivity between and among widely distributed locations. Data connectivity is provided via Permanent Virtual Circuit (PVC) connections implemented over access facilities utilizing a switch dedicated to high-speed data services.

In this filing, Verizon RI introduces additional port speeds (commonly referred to as Port only service) to meet the needs of customers who require a port only option of fractional DS-1 (128 Kbps, 256 Kbps, 512 Kbps and 768 Kbps). The additional speeds will complement Verizon's existing fractional 384 Kbps port speed.

The customer will also have the option of ordering at the port only speeds on a month-to-month basis or under a one-, three- or five-year variable term pricing plan (VTTP). A minimum service commitment period of 12 months applies to the VTTP for Unbundled Port Only Service.

## **Section 2**

### **Rationale for Filing**

The customer applications that are in use today demand an unbundled port option to work with their other services. In order to remain competitive and meet our customers' data requirements, Verizon RI must introduce alternative options for our lower and higher bandwidth services. Deploying additional Fractional DS-1 Port only options for Frame Relay Service will enable Verizon RI to generate new revenue, retain its existing Local Frame Relay revenue, and preserve the existing customer base in this highly competitive market. This filing also advances the standardization of the product line across the Verizon footprint.

# Frame Relay Service Unbundled Port Only

## Section 3

### Rate Structure

The following table displays the proposed rates for the Frame Relay Service additional port only speeds:

Terms/Access Speed		USER to Network Interface (UNI)	
		Monthly	NRC
<b>UNI</b>			
Mo.-to-Mo.	128 K	\$120.00	\$300.00
1-Year Rate	128 K	\$115.00	N/A
3-Year Rate	128 K	\$105.00	N/A
5-Year Rate	128 K	\$ 95.00	N/A
<b>UNI</b>			
Mo.-to-mo.	256 K	\$150.00	\$300.00
1-Year Rate	256 K	\$125.00	N/A
3-Year Rate	256 K	\$115.00	N/A
5-Year Rate	256 K	\$105.00	N/A
<b>UNI</b>			
Mo.-to-mo.	512 K	\$180.00	\$300.00
1-Year Rate	512 K	\$160.00	N/A
3-Year Rate	512 K	\$135.00	N/A
5-Year Rate	512 K	\$120.00	N/A
<b>UNI</b>			
Mo.-to-mo.	768 K	\$200.00	\$300.00
1-Year Rate	768 K	\$175.00	N/A
3-Year Rate	768 K	\$150.00	N/A
5-Year Rate	768 K	\$135.00	N/A

Verizon certifies that the rates for Frame Relay Service Unbundled Port Only additional speeds are not less than the Long Run Incremental Costs of providing the service.

**1. Advanced Data Services**  
**1.3 Frame Relay**

1.3.2 Service Components	
<b>B.</b>	<p><b>Port Only Connections</b> – UNIs and NNIs are also provisioned as a Port Only Connection. UNI Port Only Connection provides a Frame Relay Network connection based on the port connection speeds of 56 Kbps, 128 Kbps, 256 Kbps, 384 Kbps, 512 Kbps, 768 Kbps, 1.536 Mbps, 4 Mbps, 6 Mbps, 10 Mbps, 22 Mbps, and 44.736 Mbps. NNI Port Only Connection provides a Frame Relay Network connection based on the port connection speeds of 384 Kbps, 1.536 Mbps and 44.736 Mbps. The Frame Relay port speed will be consistent with the channel speed of the access channel. Each port can accommodate multiple PVCs. UNI Port Only and NNI Port Only Connections are available on a month-to-month, one-year, three-year and five-year term.</p> <p>1. Customers may access Port Only Connections via Telephone Company-provided digital access facilities. The associated regulations, rates and charges under the appropriate Telephone Company Tariff shall apply in addition to the regulations, rates and charges associated with FRS.</p>
<b>C.</b>	<p><b>Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)</b> — provides a mechanism to prioritize applications on a per-PVC basis over a Frame Relay UNI. This feature allows all users to maintain the capability to transfer data within their CIR on a non-sequential, high-priority basis without potential packet data discard due to network congestion.</p> <p>1. The following types of PVC CIR are available:</p> <p>a. Standard - A Standard PVC is a logical channel path between intrastate Frame Relay ports or an intrastate Frame Relay port and an intrastate ATM port.</p> <p>b. Multi-jurisdictional – A Multi-jurisdictional PVC is a logical channel path between two Frame Relay ports, one being an interstate port and the other an intrastate port or between a Frame Relay port and an ATM port, one being an interstate port and the other an intrastate port. A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Verizon Telephone Companies FCC Tariff No. 20 are applicable.</p> <p>2. The maximum CIR allowed is determined by the lower of the two port speeds connected by the PVC. The maximum CIR allowed for port speeds at 1.536 Mbps and below is 75% of the lower of the two port speeds. For port speeds above 1.536 Mbps to 44.7136 Mbps, the maximum CIR allowed is 50% of the lower of the two port speeds.</p> <p>3. Frame Relay to ATM Service Interworking provides for the conversion of Frame Relay packets to ATM cells and the conversion of ATM cells to Frame Relay Packets. Frame Relay to ATM Service Interworking is available with Standard and Multi-jurisdictional PVC CIR at no additional charge.</p>
<b>D.</b>	<p><b>Optional Features and Functions</b> — These provide the Customer with additional capabilities for interaction with the FRS packet network.</p> <p>1. Additional Logical Channels allow 56 Kbps, 384 Kbps and 1.536 Mbps Customers to simultaneously operate multiple channels on a single port. The maximum additional logical channels available for 56 Kbps or 384 Kbps UNI Port With Access Line is 199 and the maximum additional logical channels available for 1.536 Mbps UNI Port With Access Line is 991. Each additional logical channel must be associated with a specific network address.</p> <p>a. Effective September 17, 2003, the Logical Channels optional feature is no longer available to new customers. Moves, additions, or changes are not permitted.</p>

(N)

Effective: July 31, 2004

Vice President Regulatory-RI



Verizon New England Inc.

**4. Rates and Charges**  
**4.1 Advanced Data Services**

4.1.1 Frame Relay - Monthly Service Plan				
ID	Service Category	Rate Element	Rate	USOC
	UNI Port With Access Line – Vintage 1	56 Kbps Vintage 1 <sup>1</sup> – Monthly –	147.00	
		384 Kbps Vintage 1 <sup>1</sup> – Monthly - Each	467.00	
		1.536 Mbps Vintage 1 <sup>1</sup> – Monthly - Each	867.00	
	UNI Port With Access Line – Vintage 2	56 Kbps Vintage 2 – Monthly –	153.00	
		384 Kbps Vintage 2 – Monthly - Each	457.00	
		1.536 Mbps Vintage 2 – Monthly - Each	825.00	
	UNI Port With Access Line	4 Mbps – Monthly – Each	2,650.00	
		6 Mbps – Monthly – Each	3,000.00	
		10 Mbps – Monthly - Each	3,325.00	
		22 Mbps – Monthly - Each	3,500.00	
		44.736 Mbps – Monthly – Each	4,500.00	
	UNI Port Only Connection	56 Kbps – Monthly – Each	80.00	
		128 Kbps – Monthly – Each	120.00	(N)
		256 Kbps – Monthly – Each	150.00	(N)
		384 Kbps – Monthly – Each	170.00	
		512 Kbps – Monthly – Each	180.00	(N)
		768 Kbps – Monthly – Each	200.00	(N)
		1.536 Mbps – Monthly – Each	220.00	
		4 Mbps – Monthly – Each	790.00	
		6 Mbps – Monthly – Each	830.00	
		10 Mbps – Monthly – Each	900.00	
		22 Mbps – Monthly – Each	1,200.00	
		44.736 Mbps – Monthly – Each	1,500.00	
		NNI Port Only	384 Kbps – Monthly – Each	170.00
	1.536 Mbps – Monthly – Each		220.00	
	44.736 Mbps – Monthly – Each		1,500.00	

Note 1: Effective September 17, 2003, this service is no longer available to new customers. Moves, additions, or changes are not permitted.



Verizon New England Inc.

**4. Rates and Charges**  
**4.1 Advanced Data Services**

4.1.2 Frame Relay - Service Period Plan				
ID	Service Category	Rate Element	Rate	USOC
	UNI Port With Access Line	4 Mbps – One Year – Monthly – Each	2,540.00	(T)
		4 Mbps – Three Years – Monthly – Each	2,300.00	
		4 Mbps – Five Years – Monthly - Each	2,100.00	
		6 Mbps – One Year – Monthly – Each	2,875.00	
		6 Mbps – Three Years – Monthly – Each	2,600.00	
		6 Mbps – Five Years – Monthly - Each	2,400.00	
		10 Mbps – One Year – Monthly – Each	3,180.00	
		10 Mbps – Three Years – Monthly – Each	2,850.00	
		10 Mbps – Five Years – Monthly - Each	2,650.00	
		22 Mbps – One Year – Monthly – Each	3,350.00	
		22 Mbps – Three Years – Monthly – Each	3,000.00	
		22 Mbps – Five Years – Monthly - Each	2,800.00	
		44.736 Mbps – One Year – Monthly – Each	4,300.00	
		44.736 Mbps – Three Years – Monthly – Each	3,800.00	
		44.736 Mbps – Five Years – Monthly – Each	3,600.00	
	UNI Port Only Connection	56 Kbps – One Year – Monthly – Each	70.00	(T)
		56 Kbps – Three Years – Monthly – Each	60.00	
		56 Kbps – Five Years – Monthly - Each	50.00	
		128 Kbps - One Year – Monthly – Each	115.00	(N)
		128 Kbps - Three Years – Monthly – Each	105.00	
		128 Kbps - Five Years – Monthly – Each	95.00	
		256 Kbps - One Year – Monthly – Each	125.00	
		256 Kbps - Three Years – Monthly – Each	115.00	
		256 Kbps - Five Years – Monthly – Each	105.00	(N)



Verizon New England Inc.

**4. Rates and Charges**  
**4.1 Advanced Data Services**

4.1.2 Frame Relay - Service Period Plan				
ID	Service Category	Rate Element	Rate	USOC
	UNI Port Only Connection	384 Kbps – One Year – Monthly – Each	150.00	(X)
		384 Kbps – Three Years – Monthly – Each	125.00	
		384 Kbps – Five Years – Monthly - Each	110.00	(X)
		512 Kbps - One Year – Monthly – Each	160.00	(N)
		512 Kbps - Three Years – Monthly – Each	135.00	
		512 Kbps - Five Years – Monthly – Each	120.00	
		768 Kbps - One Year – Monthly – Each	175.00	
		768 Kbps - Three Years – Monthly – Each	150.00	
		768 Kbps - Five Years – Monthly – Each	135.00	(N)
		1.536 Mbps – One Year – Monthly – Each	195.00	(X)
		1.536 Mbps – Three Years – Monthly – Each	165.00	
		1.536 Mbps – Five Years – Monthly – Each	145.00	(X)
		4 Mbps – One Year – Monthly – Each	770.00	
		4 Mbps – Three Years – Monthly – Each	740.00	
		4 Mbps – Five Years – Monthly - Each	620.00	
		6 Mbps – One Year – Monthly – Each	810.00	
		6 Mbps – Three Years – Monthly – Each	780.00	
		6 Mbps – Five Years – Monthly - Each	660.00	
		10 Mbps – One Year – Monthly – Each	870.00	
		10 Mbps – Three Years – Monthly – Each	820.00	
	10 Mbps – Five Years – Monthly - Each	700.00		

Verizon New England Inc.

**4. Rates and Charges**  
**4.1 Advanced Data Services**

<b>4.1.2 Frame Relay - Service Period Plan</b>				
	UNI Port Only Connection	22 Mbps – One Year – Monthly – Each	1,160.00	(X)
		22 Mbps – Three Years – Monthly – Each	1,090.00	
		22 Mbps – Five Years – Monthly - Each	970.00	
		44.736 Mbps – One Year – Monthly – Each	1,350.00	
		44.736 Mbps – Three Years – Monthly – Each	1,125.00	
		44.736 Mbps – Five Years – Monthly – Each	1,050.00	
	NNI Port Only	384 Kbps – One Year – Each	150.00	
		384 Kbps – Three Years – Each	125.00	
		384 Kbps – Five Years – Each	110.00	
		1.536 Mbps – One Year – Each	195.00	
		1.536 Mbps – Three Years – Each	165.00	
		1.536 Mbps – Five Years – Each	145.00	
		44.736 Mbps – One Year – Each	1,350.00	
		44.736 Mbps – Three Years – Each	1,125.00	
		44.736 Mbps – Five Years – Each	1,050.00	(X)

Verizon New England Inc.

**4. Rates and Charges**  
**4.1 Advanced Data Services**

4.1.3 Frame Relay – NRCs					
ID	Service Category	Rate Element	Rate	USOC	
	UNI Port With Access Line	56 Kbps – Month-to-Month – Each	800.00		
		384 Kbps – Month-to-Month – Each	1,000.00		
		1.536 Mbps – Month-to-Month – Each	1,000.00		
		4 Mbps – Month-to-Month – Each	1,500.00		
		6 Mbps – Month-to-Month – Each	1,500.00		
		10 Mbps – Month-to-Month - Each	1,500.00		
		22 Mbps – Month-to-Month - Each	1,500.00		
		44.736 Mbps – Month-to-Month - Each	1,500.00		
		56 Kbps – Seven-Year Term Plan – Each	400.00		
		384 Kbps – Seven-Year Term Plan – Each	531.25		
		1.536 Mbps – Seven-Year Term Plan – Each	551.25		
		Additional Logical Channels – Per User to Network Interface (UNI) <sup>1</sup>	55.00		
		UNI Port Only Connection	56 Kbps – Month-to-Month – Each	300.00	
			128 Kbps – Month-to-Month – Each	300.00	(N)
	256 Kbps – Month-to-Month – Each		300.00	(N)	
	384 Kbps – Month-to-Month – Each		300.00		
	512 Kbps – Month-to-Month – Each		300.00	(N)	
	768 Kbps – Month-to-Month – Each		300.00	(N)	
	1.536 Mbps – Month-to-Month – Each		300.00		
	4 Mbps – Month-to-Month – Each		300.00		
	6 Mbps – Month-to-Month – Each		300.00		
	10 Mbps – Month-to-Month - Each		300.00		

Note 1: Effective September 17, 2003, this service is no longer available to new customers. Moves, additions, or changes are not permitted.

