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December 3, 2004

Ms. Beth W. Salak, Director
Division of Competitive Markets and Enforcement
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Dear Ms. Salak:

Attached are copies of new tariff pages filed as part of our Verizon Florida Inc. Facilities for Intrastate Tariff. See Attachment A for a listing of the impacted tariff sheets.

The purpose of this filing is to introduce a Permanent Virtual Circuit offering to convert Frame Relay packets to Asynchronous Transfer Mode (ATM) cells.

If you require additional information, please contact Carlton A. Ball at (813) 483-2529.

Sincerely,
David M. Christian
Assistant Vice President
Regulatory Affairs Florida

DMC:sv
Attachments

Attachment A

Facilities for Intrastate Access

Section 16 Advanced Communications Networks

Fourth Revised Page 11
Third Revised Page 12
Fourth Revised Page 15
Original Page 15.1
Second Revised Page 24

VERIZON FLORIDA INC
FRAME RELAY TO ATM SERVICE INTERWORKING (FRASI)
EXECUTIVE SUMMARY

Introduction

This filing adds Frame Relay to ATM Service Interworking (FRASI) to Permanent Virtual Circuit Committed Information Rate (PVC CIR) as an additional option to the PVC CIR rate element in the existing Frame Relay local tariff in Florida.

Product Description

Frame Relay Service (FRS) is a data communications service that provides data connectivity between/among widely distributed locations. It is considered a form of "fast packet" switching service for high-speed networks, which require flexible bandwidth, high-performance transport and switching for connectivity between and among widely distributed customer locations. Frame Relay is a packet-based, connection-oriented, switching and multiplexing technology designed to be a fast, general-purpose transfer mode for multiple services. Frame Relay Service conforms to protocol standards created by the ITU-T (Telecommunication Standardization Bureau of the International Telecommunication Union), formerly Consultative Committee for International Telegraph and Telephone (CCITT), and American National Standards Institute (ANSI).

FRASI provides for the conversion of Frame Relay packets to ATM cells and the conversion of ATM cells to Frame Relay packets. This feature provides customers an efficient alternative for aggregating their multi-service data traffic.

Rate Structure

FRASI PVC CIR will be offered as an option to the PVC CIR Intrazone on a month-to-month basis only and will be provided at no additional charge.

Cost Support

See attached cost study.

16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

- (D) Technical Specifications (M)
- FRS conforms to the transmission specification standards in the following references:
- ANSI T1.602 Integrated Services Digital Network (ISDN) – Data Link Layer Signaling Specification for Application at the User-Network Interface – Issued 1989. (T)
- ANSI T1.606 Frame Relay Bearer Service, Architectural Framework and Service Description – Issued 1990. (T)
- ANSI T1.617 Integrated Services Digital Network (ISDN) – Digital Subscriber Signaling Specification for Frame Relay Bearer Service – Issued 1991. (T)
- ANSI T1.618 Integrated Services Digital Network (ISDN) – Core Aspects of Frame Relay Bearer Service – Issued 1991. (T)

- (E) Service Provisioning (M)
- FRS is available where facilities and conditions permit.
- FRS is provided to the customer in the form of the UNI Port and Access Line, UNI Port Only, Private NNI Port Only and CIR based PVCs. The UNI Port and Access Line forms the local access component to the customer's serving central office. The UNI Port Only and Private NNI Port Only include the electronic equipment necessary to interface the access line to the Frame Relay switch.
- PVCs are provisioned on a specified speed and CIR basis, depending upon the customer's request. The actual throughput of aggregated PVC bandwidths in use at the same time on the same port cannot exceed the port speed.
- 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.
- The PVC must be associated with at least one Frame Relay port. A Frame Relay port can be associated with multiple PVCs.
- The customer subscribing to a Port Only or Port and Access Line will be referred to as the controller of the Frame Relay port. A separate entity may, with written authorization from the controller, subscribe to a PVC that allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the controller may order the disconnect of the FRS.
- The Frame Relay port with PVC CIR capacity may be ordered and billed separately from an associated Frame Relay port and PVC, and can have different customers as controllers.
- 4 Mbps, 6 Mbps, 10 Mbps and 22 Mbps speeds are provisioned utilizing 44.736 Mbps of transport bandwidth; no other service(s) may utilize the remaining bandwidth.

- (F) Special Conditions
- Maintenance Window - Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the Frame Relay switch out of service, during the predetermined maintenance window of 11:00p.m. to 8:00 a.m. In these cases, all attempts will be made to notify the customer in advance as to the time and duration of these outages. The Company reserves the right to temporarily interrupt the FRS at other times in emergency situations.

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16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(K) Application of Rates and Charges

(1) Rate Elements

The following rate elements are applicable to FRS:

- UNI Port and Access Line
- Port Only
 - UNI Port Only
 - Private NNI Port Only
- PVC CIR
- Subsequent PVC CIR Charge
- Backup UNI
- Software Change Charge

(a) UNI Port and Access Line

A monthly recurring charge based on the speed of the port connection applies per port for each physical connection to the network supporting FRS. In addition, a nonrecurring charge applies to the month-to-month plan. Nonrecurring charges do not apply to UNI Port and Access Line offered on a Term Payment Plan (TPP). UNI Port and Access Line is offered on a month-to-month basis or as a TPP of one year, three years, or five years.

(b) Port Only – UNI Port Only and Private NNI Port Only

A monthly recurring charge based on the speed of the port connection applies per port for each Port Only interface. In addition, a nonrecurring charge applies to the month-to-month plan. Nonrecurring charges do not apply to Port Only offered on a TPP. Port Only is offered on a month-to-month basis or as a TPP of one year, three years, or five years.

Refer to 16.4(C)(2) for the rules and regulations associated with Port Only digital access facilities.

(c) Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)

- (i) Intrazone - A monthly recurring charge, based on CIR capacity, applies for each PVC requested by the customer. Frame Relay zones are found in (e) following.
- (ii) Multi-jurisdictional - A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Company's FCC Frame Relay tariff are applicable.

(d) PVC CIR Optional Features

Frame Relay to ATM Service Interworking – Frame Relay to ATM Service Interworking is available with Intrazone and Multi-jurisdictional PVC CIR at no additional charge.

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(e) Subsequent PVC CIR Charge – A nonrecurring charge applies when a customer orders additional PVC CIR subsequent to the initial port installation.

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16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(K) Application of Rates and Charges (Continued)

(1) Rate Elements (Continued)

(f) Frame Relay Zones

Zone
Tampa

Office
Clearwater
Lakeland
Sarasota
St. Petersburg
Sulphur Springs
Tampa - Main
Tampa – Westside
Tampa – East

(g) Backup UNI

A nonrecurring charge applies when a customer requests an activation of the Backup UNI service. No additional charges are applied upon deactivation of Backup UNI service.

(h) Software Change Charge is an NRC applied when a customer requests a PVC parameter change (i.e., CIR burst, DLCI re-map to a different host or remote).

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16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(L) Rates and Charges (Cont'd)

(3) PVC CIR , per PVC (Cont'd)

(a) Intrazone (Cont'd)

Monthly Rate

2 Mbps	95.00
3 Mbps	100.00
4 Mbps	120.00
5 Mbps	142.00
6 Mbps	164.00
7 Mbps	186.00
8 Mbps	207.00
9 Mbps	229.00
10 Mbps	250.00
11 Mbps	266.00
12 Mbps	282.00
13 Mbps	298.00
14 Mbps	314.00
15 Mbps	330.00
16 Mbps	346.00
17 Mbps	362.00
18 Mbps	378.00
19 Mbps	394.00
20 Mbps	410.00
21 Mbps	426.00
22 Mbps	442.00

(b) Multi-jurisdictional PVC ¹

(c) Frame Relay to ATM Service Interworking (N)

Nonrecurring
 Charge ²

(4) Subsequent PVC CIR Charge, each	\$ 20.00
(5) Backup UNI, Per Activation	200.00
(6) Software Change Charge	30.00

¹ A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Company's FCC Frame Relay tariff are applicable.

² Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.

16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(C) Service Components (Continued)

(3) Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)

- (a) Permanent Virtual Circuits (PVCs) are logical circuits that define a specific path for data sent by the customer to another location. These circuits are virtual because they are established in software tables and do not tie up capacity when not in use. This also allows multiple paths (PVCs) to be defined on any given port, thereby providing a single access line the capability to transmit data to multiple destinations.
- (b) Since multiple PVCs may be defined on one physical port, it is possible for the cumulative Committed Information Rates (CIRs) to exceed the physical bandwidth of that port. This is referred to as over-subscription and when this occurs, the aggregate CIR defined for that port and PVC will not be available at any point in time.
- (c) The following types of PVC CIR are available:
 - (i) Intrazone - An Intrazone PVC is a logical channel path between two customer Frame Relay ports within the same zone. Frame Relay zones are found in K(1)(e) following.
 - (ii) Multi-jurisdictional - A Multi-jurisdictional PVC is a logical channel path between two customer Frame Relay ports, one being an interstate port and the other an intrastate port both located within the same Frame Relay zone. A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Company's FCC Frame Relay tariff are applicable.

(4) PVC CIR Optional Features

Frame Relay to ATM Service Interworking – 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 Intrazone and Multi-jurisdictional PVC CIR at no additional charge.

(d)(5) Backup UNI Service:

Backup UNI service is a disaster avoidance and disaster recovery feature that consists of a Primary UNI and a Backup UNI, and incorporates PVC remapping capabilities of the Frame Relay network. The Primary UNI is terminated at the primary customer host location and in normal operation serves PVCs between the primary host location and various customer remote locations. A second UNI, which is designated by the customer as a Backup UNI, is installed and terminated at the customer's backup host location. During normal operations no PVCs are mapped to the Backup UNI. The customer will be required to purchase both UNIs. In the event of a Primary UNI, primary digital access line or, customer primary host location failure, the predefined PVC configuration can be remapped to the Backup UNI at the customer's request. Upon restoral of the Primary UNI service the customer must contact the Company to initiate remapping of PVCs from the Backup UNI back to the Primary UNI. A Backup UNI, which may serve as a backup to one or more Primary UNIs, can only backup one Primary UNI at a time. A Backup UNI must be the same port speed or greater than the Primary UNI(s).

(e) Software Change Charge:

~~Software Change Charge is a NRC applied when a customer request a PVC parameter change (i.e., CIR, burst, DLCI re-map to a different host or remote).~~

(D) Technical Specifications

~~FRS conforms to the transmission specification standards in the following references:~~

~~ANSI T1.602 Integrated Services Digital Network (ISDN) – Data Link Layer Signaling Specification for Application at the User Network Interface – Issued 1989~~

~~ANSI T1.606 Frame Relay Bearer Service, Architectural Framework and Service Description – Issued 1990~~

~~ANSI T1.617 Integrated Services Digital Network (ISDN) – Digital Subscriber Signaling Specification for Frame Relay Bearer Service – Issued 1991~~

~~ANSI T1.618 Integrated Services Digital Network (ISDN) – Core Aspects of Frame Relay Bearer Service – Issued 1991~~

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16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(D) Technical Specifications

FRS conforms to the transmission specification standards in the following references:

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(E) Service Provisioning

FRS is available where facilities and conditions permit.

FRS is provided to the customer in the form of the UNI Port and Access Line, UNI Port Only, Private NNI Port Only and CIR based PVCs. The UNI Port and Access Line forms the local access component to the customer's serving central office. The UNI Port Only and Private NNI Port Only include the electronic equipment necessary to interface the access line to the Frame Relay switch.

PVCs are provisioned on a specified speed and CIR basis, depending upon the customer's request. The actual throughput of aggregated PVC bandwidths in use at the same time on the same port cannot exceed the port speed.

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.

The PVC must be associated with at least one Frame Relay port. A Frame Relay port can be associated with multiple PVCs.

The customer subscribing to a Port Only or Port and Access Line will be referred to as the controller of the Frame Relay port. A separate entity may, with written authorization from the controller, subscribe to a PVC that allows communication between entities. A disconnect of a PVC does not result in the disconnect of the underlying access line and port. Only the controller may order the disconnect of the FRS.

The Frame Relay port with PVC CIR capacity may be ordered and billed separately from an associated Frame Relay port and PVC, and can have different customers as controllers.

4 Mbps, 6 Mbps, 10 Mbps and 22 Mbps speeds are provisioned utilizing 44.736 Mbps of transport bandwidth; no other service(s) may utilize the remaining bandwidth

(F) Special Conditions

Maintenance Window - Occasionally, in order to perform software updates and other maintenance, it may be necessary to take the Frame Relay switch out of service, during the predetermined maintenance window of 11:00p.m. to 8:00 a.m. In these cases, all attempts will be made to notify the customer in advance as to the time and duration of these outages. The Company reserves the right to temporarily interrupt the FRS at other times in emergency situations.

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ALAN F. CIAMPORCERO, PRESIDENT
 TAMPA, FLORIDA

EFFECTIVE: June 16, 2003
 ISSUED: May 30, 2003

16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(K) Application of Rates and Charges

(1) Rate Elements

The following rate elements are applicable to FRS:

- UNI Port and Access Line
- Port Only
 - UNI Port Only
 - Private NNI Port Only
- PVC CIR
- Subsequent PVC CIR Charge
- Backup UNI
- Software Change Charge

(a) UNI Port and Access Line

A monthly recurring charge based on the speed of the port connection applies per port for each physical connection to the network supporting FRS. In addition, a nonrecurring charge applies to the month-to-month plan. Nonrecurring charges do not apply to UNI Port and Access Line offered on a Term Payment Plan (TPP). UNI Port and Access Line is offered on a month-to-month basis or as a TPP of one year, three years, or five years.

(b) Port Only – UNI Port Only and Private NNI Port Only

A monthly recurring charge based on the speed of the port connection applies per port for each Port Only interface. In addition, a nonrecurring charge applies to the month-to-month plan. Nonrecurring charges do not apply to Port Only offered on a TPP. Port Only is offered on a month-to-month basis or as a TPP of one year, three years, or five years.

Refer to 16.4(C)(2) for the rules and regulations associated with Port Only digital access facilities.

(c) Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)

- (i) Intrazone - A monthly recurring charge, based on CIR capacity, applies for each PVC requested by the customer. Frame Relay zones are found in (e) following.
- (ii) Multi-jurisdictional - A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Company's FCC Frame Relay tariff are applicable. (N) (T)

(d) PVC CIR Optional Features (N)

Frame Relay to ATM Service Interworking – Frame Relay to ATM Service Interworking is available with intrazone and Multi-jurisdictional PVC CIR at no additional charge. (T)

(de) Subsequent PVC CIR Charge – A nonrecurring charge applies when a customer orders additional PVC CIR subsequent to the initial port installation. (T)

(e) Frame Relay Zones (M)

Zone	Office
Tampa	Clearwater
	Lakeland
	Sarasota
	St. Petersburg
	Sulphur Springs
	Tampa – Main
	Tampa – Westside
	Tampa – East

(f) Backup UNI

A nonrecurring charge applies when a customer requests an activation of the Backup UNI service. No additional charges are applied upon deactivation of Backup UNI service.

(g) Software Change Charge:

Software Change Charge is a NRC applied when a customer request a PVC parameter change (i.e., CIR, burst, DLCI re-map to a different host or remote).

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16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(K) Application of Rates and Charges (Continued)

(1) Rate Elements (Continued)

(f) Frame Relay Zones

Zone	Office
Tampa	Clearwater
	Lakeland
	Sarasota
	St. Petersburg
	Sulphur Springs
	Tampa - Main
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A nonrecurring charge applies when a customer requests an activation of the Backup UNI service. No additional charges are applied upon deactivation of Backup UNI service.

(h) Software Change Charge is an NRC applied when a customer requests a PVC parameter change (i.e., CIR burst, DLCI re-map to a different host or remote).

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16. ADVANCED COMMUNICATIONS NETWORKS

16.4 Frame Relay Service (Continued)

(L) Rates and Charges (Cont'd)

(3) PVC CIR , per PVC (Cont'd)

(a) Intrazone (Cont'd)

Monthly Rate

2 Mbps	95.00
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10 Mbps	250.00
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15 Mbps	330.00
16 Mbps	346.00
17 Mbps	362.00
18 Mbps	378.00
19 Mbps	394.00
20 Mbps	410.00
21 Mbps	426.00
22 Mbps	442.00

(b) Multi-jurisdictional PVC ¹(c) Frame Relay to ATM Service Interworking

No Charge

(N)

Nonrecurring
Charge ²

(4) Subsequent PVC CIR Charge, each

\$ 20.00

(5) Backup UNI, Per Activation

200.00

(N)

(6) Software Change Charge

30.00

(N)

¹ A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations from the Company's FCC Frame Relay tariff are applicable.

² Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.