

The Public Utilities Commission of Ohio TELECOMMUNICATIONS APPLICATION FORM for ROUTINE PROCEEDINGS

(Effective: 09/19/2007) (Pursuant to Case No. 06-1345-TP-ORD)

In the Matter of the Application of Verizon N		TRF Docket No. 9	0-5023-TP-TRF		
to relocate existing ATM and FRAME tariffs pin Federal tariff into State tariff	oreviously filed))	Case NoTP - NOTE: Unless you ha leave the "Case No" fi	ve reserved a Case # or are	e filing a Con	itract,
Name of Registrant(s) Verizon North, Inc. DBA(s) of Registrant(s) <u>Verizon North, Inc.</u> Address of Registrant(s) <u>1300 Columbus-Sand</u>	lusky Rd N, Marion, Ol	hio 43302			
Company Web Address www.verizon.com Regulatory Contact Person(s) Cassandra Cole		Phone 740-3	883-0490 Fax 740-	383-0491	
Regulatory Contact Person's Email Address (`assandra.cole@verizor		703-0420 1 tax 740	202 0 171	
Contact Person for Annual Report Cassandra (~		Phone 74	10-383-049	0
Address (if different from above)					
Consumer Contact Information Cassandra Col	e		Phone <u>74</u>	10-383-049	<u>0</u>
Address (if different from above)					
Motion for protective order included with filin Motion for waiver(s) filed affecting this case?		Waivers may toll any	automatic timeframe.]		
Section I – Pursuant to Chapter 4901:11 submitting this form by checking the both NOTES: (1) For requirements for various application supplemental application form noted. (2) Information regarding the number of copies requivww.puco.ohio.gov under the docketing information division at the offices of the Commission.	oxes below. CMRS p ions, see the identified sect uired by the Commission	providers: Please see tion of Ohio Administrati may be obtained from the	the bottom of Section we Code Section 4901 and Commission's web site of	on II. d/or the st	
Carrier Type Other (explain below)	X ILEC	CLEC	☐ CTS	☐ AOS	S/IOS
Tier 1 Regulatory Treatment					
Change Rates within approved Range	☐ TRF 1-6-04(B) (0 day Notice)	TRF 1-6-04(B) (0 day Notice)			
New Service, expanded local calling area,	ZTA 1-6-04(B) (0 day Notice)	TTA 1-6-04(B) (0 day Notice)			
Change Terms and Conditions,	ATA 1-6-04(B) (Auto 30 days)	ATA 1-6-04(B) (Auto 30 days)		2007	
Introduce non-recurring service charges Introduce or Increase Late Payment or	☐ ATA 1-6-04(B)	ATA 1-6-04(B)		-	<u> </u>
Returned Check Charge	(Auto 30 days)	(Auto 30 days)	ס	007	REGLIVES
Business Contract	CTR 1-6-17 (0 day Notice)	CTR 1-6-17 (0 day Notice)	U	26	T
Withdrawal	☐ ATW 1-6-12(A) (Non-Auto)	ATW 1-6-12(A) (Auto 30 days)	CC	골	DE TANG
Raise the Ceiling of a Rate	Not Applicable	SLF 1-6-04(B) (Auto 30 days)		(CENTROL WAS DELISE	3
Tier 2 Regulatory Treatment				9	~
Residential - Introduce non-recurring	☐ TRF 1-6-05(E)	☐ TRF 1-6-05(E)		•	
service charges Residential - Introduce New Tariffed Tier	(0 day Notice) TRF 1-6-05(C)	(0 day Notice) TRF 1-6-05(C)	TRF 1-6-05(C)		
2 Service(s)	(0 day Notice)	(0 day Notice)	(0 day Notice)	-	
Residential - Change Rates, Terms and	X TRF 1-6-05(E)	☐ TRF 1-6-05(E)	☐ TRF 1-6-05(E)		
Conditions, Promotions, or Withdrawal	(0 day Notice)	(0 day Notice)	(0 day Notice)		
Residential - Tier 2 Service Contracts	CTR 1-6-17 (0 day Notice)	CTR 1-6-17 (0 day Notice)	☐ CTR 1-6-17 (0 day Notice)		
Commercial (Business) Contracts	Not Filed	Not Filed	Not Filed		
Business Services (see "Other" below)	Detariffed	Detariffed	Detariffed		
Residential & Business Toll Services (see "Other" below)	Detariffed	Detariffed	Detariffed		

Section I - Part II - Certificate Status and Procedural

Certificate Status	ILEC	CLEC	CTS	AOS/IOS
Certification (See Supplemental ACE form)		☐ ACE 1-6-10	ACE 1-6-10	☐ ACE 1-6-10
- Total (220 cappionial Act 10111)		(Auto 30 days)	(Auto 30 days)	(Auto 30 days)
Add Exchanges to Certificate	ATA 1-6-09(C)		al na Maria de Companyo da Cara da Car Na caractería da Cara d	
	(Auto 30 days) ABN 1-6-11(A)	ABN 1-6-11(A)	☐ ABN 1-6-11(B)	ABN 1-6-11(B)
Abandon all Services - With Customers	(Non-Auto)	(Auto 90 day)	(Auto 14 day)	(Auto 14 day)
Abandon all Services - Without	(1011) (210)	ABN 1-6-11(A)	ABN 1-6-11(B)	ABN 1-6-11(B)
Customers		(Auto 30 days)	(Auto 14 day)	(Auto 14 day)
Change of Official Name	ACN 1-6-14(B)	ACN 1-6-14(B)	CIO 1-6-14(A)	CIO 1-6-14(A)
Change of Official Hame	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice)
Change in Ownership	ACO 1-6-14(B)	ACO 1-6-14(B)	☐ CIO 1-6-14(A)	☐ CIO 1-6-14(A)
	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice) (
Merger	AMT 1-6-14(B) (Auto 30 days)	AMT 1-6-14(B) (Auto 30 days)	CIO 1-6-14(A) (0 day Notice)	CIO 1-6-14(A) (0 day Notice)
T	ATC 1-6-14(B)	ATC 1-6-14(B)	CIO 1-6-14(A)	CIO 1-8-14(A)
Transfer a Certificate	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice)
Transaction for transfer or lease of	ATR 1-6-14(B)	ATR 1-6-14(B)	CIO 1-6-14(A)	CIO 1-6-14(A)
property, plant or business	(Auto 30 days)	(Auto 30 days)	(0 day Notice)	(0 day Notice)
Procedural				
	TRF	☐ TRF	☐ TRF	TRF
	TRF (0 day Notice)	TRF (0 day Notice)	☐ TRF (0 day Notice)	TRF (0 day Notice)
Designation of Process Agent(s) All Section I applications that resufollowing exhibits. Other exhibits Exhibit Description:	(0 day Notice) It in a change to on may be required un	(0 day Notice) e or more tariff pader the applicable	(O day Notice) ages require, at a e rule(s).	(0 day Notice)
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Carrier to Carrier	ILEC	CLEC			
Interconnection agreement, or amendment to an approved agreement	☐ NAG (Auto 90 day)	☐ NAG (Auto 90 day)			
Request for Arbitration	ARB (Non-Auto)	ARB (Non-Auto)			
Introduce or change c-t-c service tariffs,		ATA (Auto 30 day)	<u>.</u>		
Introduce or change access service	☐ ATA				
pursuant to 07-464-TP-COI	(Auto 30 day)				
Request rural carrier exemption, rural	UNC	UNC			
carrier supension or modifiction	(Non-Auto)	(Non-Auto)			
Pole attachment changes in terms and	UNC	UNC			
conditions and price changes.	(Non-Auto)	(Non-Auto)			
CMRS Providers See 4901:1-6-15	RCC [Registration & Change in Operations] (0 day)		NAG [Interconnection Agree (Auto 90 days)	ment or Amendment)	
Other* (explain) to relocate existing FRAME and ATM services formerly locate din Verizon's Federal tariffs into the State tariffs					

^{*}NOTE: During the interim period between the effective date of the rules and an Applicant's Detariffing Füling, changes to existing business Tier 2 and all toll services, including the addition of new business Tier 2 and all new toll services, will be processed as 0-day TRF filings, and briefly described in the "Other" section above.

I am an officer/agent of the applicant corporation, Cassandra Cole

AFFIDAVIT

Compliance with Commission Rules and Service Standards

, and am authorized to make this statement on its behalf.

(Name)
I attest that these tariffs comply with all applicable rules, including the Minimum Telephone Service Standards (MTSS) Pursuant to Chapter
4901:1-5 OAC for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's
rules, including the Minimum Telephone Service Standards, as modified and clarified from time to time, supersede any contradictory provisions in

4901:1-5 OAC for the state of Ohio. I understand that tariff notification filings do not imply Commission approval and that the Commission's rules, including the Minimum Telephone Service Standards, as modified and clarified from time to time, supersede any contradictory provisions in our tariff. We will fully comply with the rules of the state of Ohio and understand that noncompliance can result in various penalties, including the suspension of our certificate to operate within the state of Ohio.

I declare under penalty of perjury that the foregoing is true and correct.	
Executed on (Date) (Ct 26, 2007 at (Location) Marion, Duro	
*(Signature and Title) CassandraCole Dir (Date)	10/26/01
 This affidavit is required for every tariff-affecting filing. It may be signed by counsel or an officer of the applicant, or an authorized applicant. 	igent of the

VERIFICATION

I, Cassandra Cole

verify that I have utilized the Telecommunications Application Form for Routine Proceedings provided by the Commission and that all of the information submitted here, and all additional information submitted in connection with this case, is true and correct to the best of my knowledge.

*(Signature and Title) (Date) 10 26 07

*Verification is required for every filing. It may be signed by counsel or an officer of the applicant, or an authorized agent of the applicant.

Send your completed Application Form, including all required attachments as well as the required number of copies, to:

Public Utilities Commission of Ohio Attention: Docketing Division 180 East Broad Street, Columbus, OH 43215-3793

Or

Make such filing electronically as directed in Case No 06-900-AU-WVR

EXHIBIT A

CURRENT TARIFF SHEETS

Tariff P.U.C.O. No. 10 Section CHECKLIST CONTENTS Sheet No.
2nd Revised Sheet No. 1
1st Revised Sheet No. 1
2nd Revised Sheet No. 1
1st Revised Sheet No. 2-14
Original Sheet No. 15

Verizon North Inc.

CHECK LIST 2nd Revised Sheet No. 1 Cancels 1st Revised Sheet No. 1

Pages listed below are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original Tariff and are currently in effect as of the date on the bottom of this page.

SECTION	<u>Sheet</u>	Revision	
Title Page Check List	1	Original 2nd (T)	
Contents	1	1st	
Symbols	1	Original	
1	1	Original	
2	1	Original	
3	1	Original	
4	1	2nd (T)	
	2	1st ` ´	
	2 3	1st	
	4	1st	
	5	1st	
	6	1st	
	7	1st	
	8	1st	
	9	1st	
	10	1st	
	11	1st	
	12	1st	
	13	1st	
	14	1st (T)	
	15		
5		Original Original	
บ	1	Original	

Verizon North Inc.

CONTENTS 1st Revised Sheet No. 1 Cancels Original Sheet No. 1

TABLE OF CONTENTS

	<u>Sheet</u>	
Title Page	1	
Check List	1	
Table of Con	tents1	
Explanation	of Symbols1	
Section 1 - A	pplication of Tariff1	
	efinition of Terms and Abbreviations1	
Section 3 - A 1	pplication of Rates	
Section 4 - D 1 2	escription of Data Services and Rates	(N)
Section 5 - P	Promotions 1	

Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 1 Cancels 1st Revised Sheet No. 1

DESCRIPTION OF DATA SERVICES AND RATES

1. Frame Relay

For Frame Relay Service provided entirely within the State of Ohio, Verizon North Inc. assents to, adopts and concurs in the rates, rules and regulations as they are set forth in Verizon Telephone Companies Tariff FCC No. 20 as it now exists or as it may be revised, added to or supplemented by superseding sheets or issues with the following exceptions to Part II, Section 5.9:

(1)

1.01 Frame Relay Service for customers who require a system in excess of three Frame Relay ports (combination of Port Only and/or Port and Access Lines) may be provided on an individual case basis.

(N)

- 1.02. 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 Verizon Telephone Companies FCC Tariff No. 20, Frame Relay Service are applicable.
- 1.03. An additional Frame Relay Zone is available for intrastate operations.

Zone Galion Office Galion

- 1.04. In lieu of the Administrative Charge, the following nonrecurring charges apply on an intrastate basis.
- 1.04.01. Description
 - A. Software Change Charge

A nonrecurring charge applies per order, per UNI or Private NNI, when a customer requests a PVC parameter change (i.e., CIR, burst, DLCI remapped to a different host or remote). For each service order issued, the charge will be one Software Change Charge regardless of the number of changes made.

B. Subsequent PVC CIR Charge

A nonrecurring charge applies per order, per UNI or Private NNI, when a customer orders additional PVC CIR subsequent to the initial port installation. For each service order issued, the charge will be one Subsequent PVC CIR Charge regardless of the number of PVCs added. In addition, software changes to existing PVCs on the same UNI or Private NNI port may be included on the Subsequent PVC CIR order for no additional charge.

1.04.02 Rates

Nonrecurring Charge

A. Software Change Charge, per order, per UNI or Private NNI

\$ 40.00

 Subsequent PVC CIR Charge, per order, per UNI or Private NNI

40.00

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Issued: September 8, 2005

Verizon North Inc.

SECTION 4 1st Revised Sheet No. 2 Cancels Original Sheet No. 2

DESCRIPTION OF DATA SERVICES AND RATES

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Issued: September 8, 2005

Verizon North Inc.

SECTION 4 1st Revised Sheet No. 3 Cancels Original Sheet No. 3

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 4 Cancels Original Sheet No. 4

DESCRIPTION OF DATA SERVICES AND RATES

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Issued: September 8, 2005

Verizon North Inc.

SECTION 4 1st Revised Sheet No. 5 Cancels Original Sheet No. 5

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 6 Cancels Original Sheet No. 6

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 7 Cancels Original Sheet No. 7

DESCRIPTION OF DATA SERVICES AND RATES

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Issued: September 8, 2005

Verizon North Inc.

SECTION 4 1st Revised Sheet No. 8 Cancels Original Sheet No. 8

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 9 Cancels Original Sheet No. 9

DESCRIPTION OF DATA SERVICES AND RATES

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SECTION 4 1st Revised Sheet No. 10 Cancels Original Sheet No. 10

DESCRIPTION OF DATA SERVICES AND RATES

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SECTION 4 1st Revised Sheet No. 11 Cancels Original Sheet No. 11

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 12 Cancels Original Sheet No. 12

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 13 Cancels Original Sheet No. 13

DESCRIPTION OF DATA SERVICES AND RATES

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Verizon North Inc.

SECTION 4 1st Revised Sheet No. 14 Cancels Original Sheet No. 14

DESCRIPTION OF DATA SERVICES AND RATES

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Issued: September 8, 2005

Verizon North Inc.

SECTION 4 Original Sheet No. 15

DESCRIPTION OF DATA SERVICES AND RATES

2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS)

For Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) provided entirely within the State of Ohio, Verizon North Inc. assents to, adopts and concurs in the rates, rules and regulations as they are set forth in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.10, Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS), as it now exists or as it may be revised, added to or supplemented by superseding sheets or issues.

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EXHIBIT B

PROPOSED TARIFF SHEETS

<u>Tariff</u>	
P.U.C.O. No.	10

Section CHECKLIST CONTENTS Sheet No.
3rd Revised Sheet No. 1
2rd Revised Sheet No. 1
3rd Revised Sheet No. 1
2rd Revised Sheet No. 2-14
1st Revised Sheet No. 15
Original Sheet Nos. 16-43

Verizon North Inc.

CHECK LIST 3rd Revised Sheet No. 1 Cancels 2nd Revised Sheet No. 1

Pages listed below are effective as of the date shown at the bottom of the respective pages. Original and revised pages, as named below, comprise all changes from the original Tariff and are currently in effect as of the date on the bottom of this page.

SECTION	Sheet	Revision	SECTION	Sheet	Revision
Title Page Check List Contents Symbols 1 2 3	1 1 1 1	Original 3rd (T) 2nd (T) Original Original Original Original	4	36 37 38 39 40 41 42	Original Original Original Original Original Original Original Original Original
3 4	1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	Original 3rd (T) 2nd	5	42 43 1	Original Original (T) Original
	26 27 28 29 30 31 32 33 34 35	Original			

Verizon North Inc.

CONTENTS 2nd Revised Sheet No. 1 Cancels 1st Revised Sheet No. 1

TABLE OF CONTENTS

		<u>Sheet</u>	
Title Page		1	
Check Lis	it	1	
Table of C	onte	ents1	
Explanation	on of	f Symbols1	
Section 1	- Ap _l	plication of Tariff1	
Section 2	- Del	finition of Terms and Abbreviations1	
Section 3	- Ap j 1.	plication of Rates	
	1. 2.	Scription of Data Services and Rates	m
		romotions1	
	1.	Promotions1	

Verizon North Inc.

SECTION 4 3rd Revised Sheet No. 1 Cancels 2rd Revised Sheet No. 1

DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay	
1.01.	General	(D) (S)
1.01.01,	Frame Relay Service (FRS) is a data communications service that provides for data connectivity between/among widely distributed locations. This connectivity is provided via Permanent Virtual Circuit (PVC) connections implemented over access facilities utilizing a switch dedicated to high-speed data services.	(D) (S¹)
1.01.02.	FRS is a transport service that facilitates the exchange of variable length information units (frames) between end user connections by way of PVCs. Each frame is passed to the Frame Relay network with an address that specifies the permanent virtual circuit.	
1.01.03.	Variable frame length capability is useful in communications between asynchronous Local Area Networks (LAN) and for transport of synchronous data traffic. FRS is capable of handling the requirements of bursty data sources because of the ability of the service to allocate additional bandwidth when not in use by other sources.	
1.01.04.	In operation of FRS, Customer Premises Equipment (CPE), such as routers, encapsulate arriving data into variable length frames. These frames contain information identifying which PVC in the network should be used to forward the frame to the proper destination. The CPE then sends the frame into the Frame Relay network. The Frame Relay switch reads identifying information and routes the frame to the proper destination based on a pre-established PVC path.	
1.01.05.	The statistical multiplexing Frame Relay switches are able to provide shared network resources to end users of this service.	
1.01.06.	The Committed Information Rate (CIR) and Excess Burst Size B(e) are traffic management parameters that allow the customer to fine tune implementation of FRS.	
1.01.07.	FRS, as provided for in this section, is offered for local and intrastate use.	(\$)
1.01.08.	Frame Relay Service for customers who require a system in excess of three Frame Relay ports (combination of Port Only and/or Port and Access Lines) may be provided on an individual case basis.	(S¹) (T)
		(S¹)
		!
	now appearing on this sheet (S) previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II,	(S¹)
Section 5	9.	

Issued: October 26, 2007

Effective: October 26, 2007

Some material previously appearing on this sheet (S¹) now appears on 2nd Revised Sheet No. 5, 2nd Revised Sheet No. 12, 2nd Revised Sheet No. 13 and Original Sheet No. 26.

Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 2 Cancels 1st Revised Sheet No. 2

DESCRIPTION OF DATA SERVICES AND RATES

1. Frame Relay (Continued)

1.02. Definitions

(S)

Committed Information Rate (CIR)

The maximum information rate at which customer traffic will be admitted to the network without being designated eligible for discard.

Customer Designated Location (CDL)

The geographic location designated by the customer at which an access component of the customer's service is first considered to enter the Company's network.

Data Link Connection Identifier (DLCI)

The Frame Relay virtual circuit number corresponding to a particular destination which is part of the frame relay header and is usually ten bits long.

Excess Burst Size B(e)

The data rate above the Committed Information Rate (CIR), but less than the port size, at which customer data will be admitted to the Frame Relay network. All Excess Burst data B(e) admitted to the network will be designated as eligible for discard.

Frame

A group of data bits, in a specific format, with a flag at either end to indicate the beginning and end of the frame. The defined format enables network equipment to recognize the meaning and purpose of specific bits.

Frame Relay Service

A connection oriented fast packet network service that permits the transmission of data at speeds of 56 Kbps to 44.736 Mbps using Permanent Virtual Connections (PVCs).

Local Area Network (LAN)

A network permitting the interconnection of multiple computers, typically within a single building or campus.

Logical Channel

A communications channel that allows two-way simultaneous transmission of data packets through the network. Capacity is made available as the data is transmitted. Each permanent virtual circuit is one logical channel.

(S)

Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.9.

Issued: October 26, 2007

Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 3 Cancels 1st Revised Sheet No. 3

DESCRIPTION OF DATA SERVICES AND RATES

1. Frame Relay (Continued)

1.02. Definitions (Continued)

(Ş)

Maximum Burst Rate (MBR)

The maximum information rate at which customer traffic will be admitted to the network. Traffic rates in excess of MBR will automatically be discarded on ingress to the network. The Maximum Burst Rate is equal to the sum of the Committed Information Rate (CIR) and Excess Burst Size B(e).

Network-to-Network Interface (NNI)

A standard interface used to connect two frame relay services, and includes elements such as bi-directional polling to assist the network services providers in gaining information on the status of the networks being connected.

Permanent Virtual Circuit (PVC)

A logical channel, defined in software, that establishes a path from one customer port to another.

Port

The entry point on the switch to which the customer is connected. Ports are available which allow connection to the Frame Relay network at speeds of 56 Kbps to 44.736 Mbps.

Statistical Multiplexing

A multiplexing technique in which time slots are dynamically allocated on the basis of need rather than being predetermined. The data is typically transmitted on a first come, first served basis.

User-to-Network Interface (UNI)

A standard interface used to connect the end user to the Frame Relay Service network. It receives the data frame from the customer's Local Area Network (LAN) or other customer-provided equipment (CPE) devices and verifies that the Data Link Connection Identifier (DLCI) is valid before relaying the frame to the destination end point. The DLCI is a Frame Relay term defining a 10-bit filed of the address field, and it identifies data links and their service parameters. (S)

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 4 Cancels 1st Revised Sheet No. 4

DESCRIPTION OF DATA SERVICES AND RATES

1. Frame Relay (Continued)

1.03. Service Components

(S)

1.03.01. The major components of FRS are:

User-to-Network Interface (UNI) Port and Access Line Port Only

- UNI Port Only
- Private Network-to-Network (NNI) Port Only
 Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)
 PVC CIR Optional Features
 Backup UNI
- 1.03.02. User-to-Network Interface (UNI) Port and Access Line
 - a. The UNI Port and Access Line forms the component which provides the customer access to the customer's serving wire center and interoffice transport from the customer's serving wire center to the Frame Relay switch. The UNI Port and Access Line is provided for use only with FRS and where facilities and conditions permit.

1.03.03. Port Only

- Customers may access Port Only connections via Company-provided digital access facilities or via facilities provided by another carrier. The channel speed of the access channel must be sufficient to accommodate the Frame Relay port speed. When access facilities are provided by the Company, the associated regulations, rates and charges under the appropriate Company tariff shall apply in addition to the regulations, rates and charges associated with FRS. Company-provided access facilities may also be provisioned on an Individual Case Basis (ICB) where access facilities are not generally available under the applicable tariff. Interconnection charges to connect access line services provided by the Company or another carrier may apply and will be billed separately. Any special construction or nonstandard charges assessed by the carrier supplying the access facilities will be the responsibility of the customer.
 - a.1 UNI Port Only

The UNI Port Only provides for a user to carrier connection (i.e., end user customer to the Company).

a.2 Private Network-to-Network (NNI) Port Only

The Private NNI port configuration is used for connecting two networks together for bi-directional messaging and is available on a private basis only. A Private NNI is a NNI port sold for the exclusive use of the customer.

(S)

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 5 Cancels 1st Revised Sheet No. 5

DESCRIPTION OF DATA SERVICES AND RATES

1.	Fran	ne Relay	y (Continued)		
1.03.	Service Components (Continued)			(S)	
1.03.04.	Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)				
	a. Permanent Virtual Circuits (PVCs) are logical dircuits that define a specific path for data sent by the customer 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.	Inform	multiple PVCs may be defined on one physical port, it is possible for the cumulative Committed ation Rates (CIRs) to exceed the physical bandwidth of that port. This is referred to as over-subscription hen this occurs, the aggregate CIR defined for that port and PVC will not be available at any point in time.		
	C.	The fo	llowing types of PVC CIR are available:		
		c.1	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 Application of Rates and Charges, Rate Elements following.		
		c.2	Multi-jurisdictional	(S)	
			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 Verizon Telephone Companies FCC Tariff No. 20, Frame Relay Service are applicable.	(S¹) (S¹)	
1.03.05.	PVC	CIR Op	itional Features	(S)	
	a.	Interzo	one Transport		
			one Transport provides the mapping of a Frame Relay Intrazone PVC across one or more Frame Relay coundaries. Interzone Transport is available only with Intrazone PVC CIR at the rates set forth in 2.12.4a.		
	b.	Frame	Relay to ATM Service Interworking		
		the co	Relay to ATM Service Interworking provides for the conversion of Frame Relay packets to ATM cells and inversion of ATM cells to Frame Relay packets. Frame Relay to ATM Service Interworking is available trazone and Multi-jurisdictional PVC CIR at no additional charge.	(S)	
Some ma	terial a	appearin	g on this sheet (S) previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II,		

Section 5.9.

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 6 Cancels 1st Revised Sheet No. 6

DESCRIPTION OF DATA SERVICES AND RATES

1. Frame Relay (Continued)

1.03. Service Components (Continued)

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1.03.06. Backup UNi

a. 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 operations 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 that the Primary UNIs.

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Issued: October 26, 2007

SECTION 4 2nd Revised Sheet No. 7 Cancels 1st Revised Sheet No. 7

DESCRIPTION OF DATA SERVICES AND RATES

		•		
1.	Frame Relay (Continued)			
1.04.	Technical Specifications			
1.04.01.	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)	
1.05.	Service Provisioning			
1.05.01.	FRS is available where facilities and conditions permit.			
1.05.02.	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.			
1.05.03.	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.			
1.05.04.	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.			
1.05.05.	The PVC must be a multiple PVCs.	issociated with at least one Frame Relay port. A Frame Relay port can be associated with		

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 8 Cancels 1st Revised Sheet No. 8

DESCRIPTION OF DATA SERVICES AND RATES

- 1. Frame Relay (Continued)
- 1.05. Service Provisioning (Continued)

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- 1.05.06. 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.
- 1.05.07. 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.
- 1.05.08. 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
- 1.06. Special Conditions
- 1.06.01. 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.
- 1.07. Obligations of the Customer
- 1.07.01. Where FRS is available for use in connection with communications systems or equipment provided by a customer or user, the operating characteristics of such systems or equipment shall be such as not to interfere with any services offered by the Company. Such use is subject to the further provisions that the equipment provided by the customer or user does not endanger the safety of the Company's employees or the public; damage, harm, require change in or alteration of the equipment or other services of the Company; Interfere with the proper operation of the Company's equipment or otherwise injure the public in its use of the Company's services. Upon notice from the Company that the equipment provided by the customer or user is causing, or is likely to cause, such hazard or interference, the customer shall take such steps as shall be necessary to remove or prevent such hazard or interference.

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 9 Cancels 1st Revised Sheet No. 9

DESCRIPTION OF DATA SERVICES AND RATES

1.07. Obligations of the Customer (Continued)

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- 1.07.02. The customer, upon request, shall furnish such information as may be required to permit the Company to design and maintain the FRS it offers and to assure that the service arrangement is in compliance with the regulations contained herein.
- 1.07.03. It shall be the responsibility of the customer to ensure the continuing compatibility of the customer-provided equipment that is used in conjunction with the FRS. The CPE shall be in compliance with the rules and regulations specified in this section.
- 1.07.04. The customer shall be responsible for obtaining permission for the Company's agents or employees to enter the premises of the-customer at any reasonable hour for the purpose of installing, inspecting, repairing, or, upon termination of the service, removing the service components of the Company.
- 1.07.05. At service subscription, the customer must specify the CIR and is expected to provide the DLCI and the B(e) for each PVC ordered.
- 1.07.06. Error correction is the responsibility of the customer's terminal equipment and/or applications. If the FRS network experiences congestion or failures, customer data may be discarded. In addition, frames that are received in excess of the Maximum Burst Rate (MBR), with bad addresses, or other errors will be discarded on ingress to the network. The customer's Frame Relay terminal equipment has the responsibility for retransmitting frames that are discarded due to errors or network congestion.
- 1.07.07. The customer is responsible for provisioning the inside wire from the network interface to the Frame Relay compatible equipment.
- 1.07.08. A customer is ordering Backup UNI service is responsible for the following:
 - Determining network configuration before and after the activation of Backup UNI service.
 - Providing the Company with the appropriate information required for joint development of the Backup UNI database.
 - c. Maintaining its own port configurations and router tables (for seamless changes from the Primary UNI to the Backup UNI, the customer must use the same addressing scheme on routers connected to the primary and backup sites).
 - d. Contacting the Company to request all activations and deactivations of Backup UNI service.

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Issued: October 26, 2007

SECTION 4 2nd Revised Sheet No. 10 Cancels 1st Revised Sheet No. 10

DESCRIPTION OF DATA SERVICES AND RATES

	· · · · · · · · · · · · · · · · · · ·	
1.	Frame Relay (Continued)	
1.08.	Obligations of the Company	(S)
1.08.01.	The responsibility of the Company shall be limited to furnishing network equipment suitable for FRS and to the maintenance and operation of such equipment in a manner proper for such service. Subject to this responsibility, the Company shall not be responsible for the through transmission of signals generated by the customer-provided equipment or system, or for the quality of, or defects in, such transmission or the reception of signals by such equipment or systems.	
1.08.02.	The Company shall not be responsible for installation, operation or maintenance of any terminal equipment, data unit or communications system provided by a customer or user. The Company is not responsible for adapting FRS to the technological requirements of any specific customer equipment.	
1.08.03.	When a customer orders FRS which is relayed to Frame Relay networks of other carriers, the Company will provide advisory assistance as a part of the establishment of this service.	
1.08.04.	The Company shall not be responsible to the customer or user if changes in any of the equipment, operations of procedures of the Company used in the provision of FRS render any facilities provided by the customer or user obsolete or require modification or alteration of such equipment or system or otherwise affect its use or performance, provided the Company has met any applicable information disclosure requirements otherwise required by law.	
1.08.05.	The Company undertakes the responsibility to maintain and repair the service that it furnishes. Network equipment installed by the Company on the customer's premises shall be and remain the property of the Company. The customer or user may not rearrange, disconnect, remove, attempt to repair, remote test, or interface with any network equipment installed by the Company without prior written consent by the Company.	
1.08.06.	The Company, by written notice to the customer, may immediately discontinue the furnishing of FRS without incurring liability upon nonpayment of any sum due to the Company or a violation of any condition governing the furnishing of service.	
1.08.07.	The Company has the service responsibility up to and including the network interface.	
1.09.	Special Facilities Routing	
1.09.01,	The customer may request that the facilities used to provide FRS be specially routed. Additional charges will apply based on cost.	
1.10.	Acceptance Testing	
1.10.01.	At the customer's request, the Company will cooperatively test at the time of installation at no additional charge. Acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.	(S)

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 11 Cancels 1st Revised Sheet No. 11

DESCRIPTION OF DATA SERVICES AND RATES

- 1. Frame Relay (Continued)
- 1.11. Application of Rates and Charges

(S)

- 1.11.01. Rate Elements
 - a. The following rate elements are applicable to FRS:

UNI Port and Access Line

Port Only

- UNI Port Only
- Private NNI Port Only

PVC CIR

PVC CIR Optional Features

Subsequent PVC CIR Charge

Backup UNI

Software Change Charge

- b. UNI Port and Access Line
 - b.1 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.
- c. Port Only UNI Port Only and Private NNI Port Only
 - c.1 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.
 - c.2 Refer to Paragraph 1.03.03. preceding for the rules and regulations associated with Port Only digital access facilities.

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 12 Cancels 1st Revised Sheet No. 12

DESCRIPTION OF DATA SERVICES AND RATES

1.11. Application of Rates and Charges (Continued)

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1.11.01. Rate Elements (Continued)

- d. Permanent Virtual Circuit (PVC) Committed Information Rate (CIR)
 - d.1 Intrazone

A monthly recurring charge, based on CIR capacity, applies for each PVC requested by the customer. Frame Relay zones are found in Paragraph 1.11.01.g. following.

d.2 Multi-jurisdictional

A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations in Frame Relay Service set forth in Verizon Telephone Companies Tariff FCC No. 20 are applicable.

- e. PVC CIR Optional Features
 - e.1 Interzone Transport

A monthly recurring charge, based on CIR capacity, applies for each application of interzone Transport and is in addition to the applicable charges for intrazone PVC CIR. Interzone Transport is available only with intrazone PVC CIR.

e.2 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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f. Subsequent PVC CIR Charge

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f.1 A nonrecurring charge applies per order, per UNI or Private NNI, when a customer orders additional PVC CIR subsequent to the initial port installation. For each service order issued, the charge will be one Subsequent PVC CIR Charge regardless of the number of PVCs added. In addition, software changes to existing PVCs on the same UNI or Private NNI port may be included on the Subsequent PVC CIR order for no additional charge.

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SECTION 4 2nd Revised Sheet No. 13 Cancels 1st Revised Sheet No. 13

DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)					
1.11.	Application of Rates and Charges (Continued)				(S)	
1.11.01.	Rate Elements (Continued)					
	g.	Frame	Relay Zones			
				Zone Athens/Marion	Office Athens Cambridge Marion Portsmouth	(S)
				Galion	Galion	(S) (S¹)
				Medina	Medina New Philadelphia	(S)
				Norwalk	Bowling Green Norwalk Sylvania McCord	
				Oberlin	Oberlin	
				Oxford Troy/Wilmington	Oxford Troy Wilmington	
	h.	Backu	p UNI			
		h.1		applies when a customer request applied upon deactivation of Back	s an activation of the Backup UNI service. No cup UNI service.	(S)
	i.	Software Change Charge			(S1)	
		i.1	parameter change (i.e.,	CIR, burst, DLCI remapped to a	ate NNI, when a customer requests a PVC different host or remote). For each service harge regardless of the number of changes	(81)
1.11.02.	Servi	ce Cha	rges		·	(S)
	a. Unless otherwise stated in this section, nonrecurring charges applicable to FRS are in lieu of service charges found elsewhere in this tariff or other Company tariffs.			(S)		

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Verizon North Inc.

SECTION 4 2nd Revised Sheet No. 14 Cancels 1st Revised Sheet No. 14

DESCRIPTION OF DATA SERVICES AND RATES

- 1. Frame Relay (Continued)
- 1.11. Application of Rates and Charges (Continued)

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- 1.11.03. Minimum Period
 - a. The minimum period for FRS is one month except when the customer subscribes to a TPP. When PVCs are added to existing FRS, the minimum period for the PVC is one month.
- 1.11.04. Term Payment Plan (TPP)
 - a. The UNI Port and Access Line, UNI Port Only and Private NNI Port Only rate elements are available under a TPP. PVC CIRs are not offered under a TPP.
 - b. Payment periods of one year, three years and five years are available to all customers at the applicable rates set forth in Rates and Charges following, regardless of when they subscribe to a TPP arrangement.
 - c. Changes to a TPP period
 - c.1 Prior to the completion of the selected TPP period, the customer may elect to convert to a new TPP period of the same or different length, subject to the following conditions:
 - No credit toward the new payment period will be given for payments made under the original TPP arrangement.
 - Nonrecurring charges will not be reapplied for existing service(s).
 - If the value of the new TPP is less than the remaining value of current TPP, the change to the new TPP period constitutes a disconnect of the existing TPP service and termination liability charges, as set forth in Section 1 of this tariff, will apply.
 - c.2 Conversion to a different TPP or to a month-to-month option will require the customer to submit an order. If no other changes are requested, no nonrecurring charges will apply.
 - d. Termination Liability
 - d.1 In the event FRS is terminated by the customer prior to completion of the term commitment period, termination liability charges, as set forth in Section 1 of this tariff, will apply.

Verizon North Inc.

SECTION 4 1st Revised Sheet No. 15 Cancels Original Sheet No. 15

DESCRIPTION OF DATA SERVICES AND RATES

- 1. Frame Relay (Continued)
- 1.11. Application of Rates and Charges (Continued)

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- 1.11.05. Service Rearrangements
 - a. Additions to Service
 - a.1 With the exception of PVCs, when service elements are added to an existing service, the added elements must meet the minimum period requirements associated with the service to which they are added. When PVCs are added to an existing FRS, the minimum period for the added PVCs is one month.
 - a.2 Nonrecurring charges will apply for all additions to existing services or optional features for which nonrecurring charges normally apply at installation.
 - a.3 Related monthly rates and nonrecurring charges for additions(s) to service are the rate and charges in effect at the time of the addition(s).
 - b. Administrative Changes
 - b.1 Administrative changes to existing service will be made without charge(s) to the customer. Administrative changes may include but are not limited to the following:
 - Change of customer name, i.e., the customer or record does not change but rather the customer of record changes its name, e.g., XYZ Company to XYZ Communications;
 - Change of customer premises address when the change of address is not a result of a physical relocation of facilities;
 - Change in billing data (name, address, or contact name or telephone number); and,
 - Change of customer contact name or telephone number.

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Verizon North Inc.

SECTION 4 Original Sheet No. 16

DESCRIPTION OF DATA SERVICES AND RATES

- 1. Frame Relay (Continued)
- 1.11. Application of Rates and Charges (Continued)

(S)

- 1.11.05. Service Rearrangements (Continued)
 - c. Conversion of Service
 - c.1 Conversion of service to another jurisdiction will be treated as a disconnect of service and establishment of new service. However, if no other changes are ordered, no installation charges will apply.
 - d. Moves
 - d.1 When the customer requests a move or relocation of the UNI Port and Access Line, UNI Port Only or Private NNI Port Only, the move or relocation will be treated as a termination of the existing service and the establishment of a new service.
 - e. Upgrade to Higher Speed Service
 - e.1 The customer may elect to upgrade service(s) to a higher speed during a TPP period, subject to the following conditions:
 - Both the existing and the new service are provided solely by the Company.
 - The order to discontinue service at an existing speed or capacity and the order for the upgraded service are received by the Company at the same time.
 - The new service will be provided at the same customer location as the discontinued service.

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SECTION 4 Original Sheet No. 17

DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)			
1,12.	Rates and Charges			(
1, 14	Tales and onlages	Nonrecurring	Monthly	·
		Charge 1	Rate	
1.12.01.	UNI Port and Access Line, each			
	56 Kbps			
	Month-to-Month	\$595.00	\$160.00	
	One Year	0.00	155.00	
	Three Years	0.00	140.00	
	Five Years	0.00	130.00	
	128 Kbps			
	Month-to-Month	595.00	290.00	
	One Year	0.00	280.00	
	Three Years	0.00	270.00	
	Five Years	0.00	260.00	
	256 Kbps			
	Month-to-Month	595.00	350.00	
	One Year	0.00	345.00	
	Three Years	0.00	335.00	
	Five Years	0.00	330.00	
	384 Kbps			
	Month-to-Month	695.00	365.00	
	One Year	0.00	355.00	
	Three Years	0.00	350.00	
	Five Years	0.00	340.00	
	DS1 (1.536 Mops)			
	Month-to-Month	695.00	530.00	
	One Year	0.00	510.00	
	Three Years	0.00	480.00	

Five Years

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0.00

450.00

¹ Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.

1.

Frame Relay (Continued)

One Year

Three Years

Five Years

44.736 Mbps Month-to-Month

One Year

Three Years

Five Years

SECTION 4 Original Sheet No. 18

DESCRIPTION OF DATA SERVICES AND RATES

1.12.	Rates and Charges (Continued)	Nonrecurring	Monthly	(S)
1.12.01.	UNI Port and Access Line, each (Continued)	Charge 1	Rate	
	4 Mbps			
	Month-to-Month	\$795.00	\$2,650.00	
	One Year	0.00	2,540.00	
	Three Years	0.00	2,300.00	ŀ
	Five Years	0.00	2,100.00	
	6 Mbps			
	Month-to-Month	795.00	3,000.00	.
	One Year	0.00	2,875.00	}
	Three Years	0.00	2,600.00	
	Five Years	0.00	2,400.00	
	10 Mbps			
	Month-to-Month	795.00	3,325.00	
	One Year	0.00	3,180.00	
	Three Years	0.00	2,850.00	- 1
	Five Years	0.00	2,650.00	l
	22 Mbps		·	•
	Month-to-Month	795.00	3,500.00	1
			-,	

0.00

0.00

0.00

795.00

0.00

0.00

0.00

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3,350.00

3,000.00

2,800.00

3,750.00

3,550.00

3,175.00

2,950.00

¹ Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.

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DESCRIPTION OF DATA SERVICES AND RATES

	,			
1.12.	Rates and Charges (Continued)			(5
	• , ,	Nonrecurring	Monthly	İ
		Charge 1	<u>Rate</u>	1
1.12.02.	Port Only			

a.	UNI	Port Only	² , each
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Frame Relay (Continued)

56 Kbps Month-to-Month One Year Three Years Five Years	\$150.00 0.00 0.00 0.00	\$42.00 40.00 35.00 32.00
128 Kbps		
Month-to-Month	150.00	75.00
One Year	0.00	70.00
Three Years	0.00	65.00
Five Years	0.00	60.00
256 Kbps		
Month-to-Month	150.00	115.00
One Year	0.00	110.00
Three Years	0.00	105.00
Five Years	0.00	100.00
384 Kbps		
Month-to-Month	150.00	150.00
One Year	0.00	145.00
Three Years	0.00	140.00
Five Years	0.00	130.00
DS1 (1.536 Mbps)		
Month-to-Month	295.00	225.00
One Year	0.00	220.00
Three Years	0.00	210.00
Five Years	0.00	200.00

Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.9.

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(S)

¹ Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.

² Refer to Paragraph 1.03.03. preceding for the regulations associated with Port Only digital access facilities.

Frame Relay (Continued)

1.

SECTION 4 Original Sheet No. 20

DESCRIPTION OF DATA SERVICES AND RATES

1.12.	Rates and Charges (Continued)	Nonrecurring <u>Charge</u> ¹	Monthly <u>Rate</u>	· (S)
1.12.02.	Port Only (Continued)			
	a UNI Port Only 2, each (Continued)			

4 Mbps		•
Month-to-Month	\$395.00	\$790.00
One Year	0.00	730.00
Three Years	0.00	650.00
Five Years	0.00	610.00
6 Mabps		
Month-to-Month	395.00	810.00
One Year	0.00	750.00
Three Years	0.00	660.00
Five Years	0.00	620.00
10 Mbps		
Month-to-Month	395.00	840.00
One Year	0.00	770.00
Three Years	0.00	670.00
Five Years	0.00	630.00
22 Mbps		
Month-to-Month	395.00	870.00
One Year	0.00	790.00
Three Years	0.00	680.00
Five Years	0.00	640.00
D00 /44 700 1 (III)		
DS3 (44.736 Mbps)	005.00	202.02
Month-to-Month	395.00	900.00
One Year	0.00	810.00
Three Years	0.00	690.00
Five Years	0.00	650.00

(S)

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

² Refer to Paragraph 1.03.03, preceding for the regulations associated with Port Only digital access facilities.

Verizon North Inc.

SECTION 4 Original Sheet No. 21

DESCRIPTION OF DATA SERVICES AND RATES

1.	Fra	me Relay (Continued)			
1.12.	Rati	es and Charges (Continued)	Nonrecurring	Monthly	(S)
1,12.02.	Port	Only (Continued)	Charge 1	Rate	
	b.	Private NNI Port Only 2, each			ļ
		384 Kbps			
		Month-to-Month	\$150.00	\$150.00	1
		One Year	0.00	145.00	
		Three Years	0.00	140.00	l
		Five Years	0.00	130.00	ļ
		DS1 (1.536 Mbps)		·	l
		Month-to-Month	295.00	225.00	
		One Year	0.00	220.00	
		Three Years	0.00	210.00	
		Five Years	0.00	200.00	ĺ
		DS3 (44.736Mbps)			- (
		Month-to-Month	395.00	900.00)
		One Year	0.00	810.00	
		Three Years	0.00	690.00	
		Five Years	0.00	650.00	ļ

(S)

¹ Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.

² Refer to Paragraph 1.03.03, preceding for the regulations associated with Port Only digital access facilities.

Verizon North Inc.

SECTION 4 Original Sheet No. 22

DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)		
1.12.	Rates and Charges (Continued)	Monthly <u>Rate</u>	(S)
1.12.03.	PVC CIR, per PVC	NAIC	
	a. Intrazone		
	4 Kbps 8 Kbps 16 Kbps 28 Kbps 32 Kbps 32 Kbps 42 Kbps 48 Kbps 64 Kbps 96 Kbps 128 Kbps 192 Kbps 256 Kbps 288 Kbps 384 Kbps 512 Kbps 576 Kbps 768 Kbps 152 Kbps	\$4.00 5.00 6.00 7.00 8.00 11.00 13.00 15.00 22.00 27.00 36.00 42.00 48.00 54.00 60.00 65.00 70.00 80.00 90.00	(S)

SECTION 4 Original Sheet No. 23

DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)	
1.12.	Rates and Charges (Continued)	Monthly
1.12.03.	PVC CIR, per PVC (Continued)	Rate
	a. Intrazone (Continued)	
	2 Mbps 3 Mbps 4 Mbps 5 Mbps 6 Mbps 7 Mbps 8 Mbps 9 Mbps 10 Mbps 11 Mbps 12 Mbps 13 Mbps 14 Mbps 15 Mbps 15 Mbps 16 Mbps 16 Mbps 17 Mbps 17 Mbps 18 Mbps 19 Mbps 20 Mbps 21 Mbps	\$95.00 100.00 120.00 142.00 164.00 186.00 207.00 229.00 250.00 266.00 282.00 298.00 314.00 330.00 346.00 362.00 378.00 394.00 410.00 426.00

Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.9.

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b.

Multi-jurisdictional 1

Effective: October 26, 2007

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¹ A Multi-jurisdictional PVC falls under federal jurisdiction and the PVC CIR rates, rules and regulations in Frame Relay Service set forth in Verizon Telephone Companies Tariff FCC No. 20 are applicable.

Verizon North Inc.

SECTION 4 Original Sheet No. 24

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DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)	
1.12.	Rates and Charges (Continued)	Monthly <u>Rate</u>
1.12.04.	PVC CIR Optional Features, per PVC	*****
	a. Interzone Transport 1	
	4 Kbps	\$13.00
	8 Kbps	14.00
	16 Kbps	15.00
	28 Kbps	16.00
	32 Kbps	17.00
	42 Kbps	20.00
	48 Kbps	25.00
	64 Kbps	30.00
	96 Kbps	38.00
	128 Kbps	43.00
	192 Kbps	59.00
	256 Klops	73.00
	288 Kbps	82.00
	384 Kbps	91.00
	512 Kbps	110.00
	576 Kbps	115.00
	768 Kbps	125.00
	1152 Kbps	145.00
	1536 Kbps	160.00

Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.9.

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Effective: October 26, 2007

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¹ The monthly rate applies in addition to applicable rates for Intrazone PVC CIR.

Verizon North Inc.

SECTION 4 Original Sheet No. 25

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DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)		
1.12.	Rates and Charges (Continued)	Monthly	
1.12.04.	PVC CIR Optional Features, per PVC (Continued)	<u>Rate</u>	
	a. Interzone Transport ¹ (Continued)		
	2 Mbps 3 Mbps 4 Mbps 5 Mbps 6 Mbps 7 Mbps 8 Mbps 9 Mbps 10 Mbps 11 Mbps 12 Mbps 13 Mbps 14 Mbps 15 Mbps 16 Mbps 17 Mbps 17 Mbps 18 Mbps 17 Mbps 18 Mbps 20 Mbps 21 Mbps 22 Mbps	\$180.00 195.00 205.00 243.00 286.00 329.00 373.00 416.00 460.00 502.00 544.00 586.00 628.00 670.00 704.00 738.00 772.00 806.00 869.00	
	b. Frame Relay to ATM Service Interworking	898.00 No Charge	

Material appearing on this sheet previously appeared in Vertzon Telephone Companies Tariff FCC No. 20, Part II, Section 5.9.

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¹ The monthly rate applies in addition to applicable rates for Intrazone PVC CIR.

Verizon North Inc.

Original Sheet No. 26

DESCRIPTION OF DATA SERVICES AND RATES

1.	Frame Relay (Continued)		
1.12.	Rates and Charges (Continued)	Nonrecurring <u>Charge</u> †	(S) (S)
1.12.05.	Subsequent PVC CIR Charge, per order, per UNI or Private NNI	\$ 40.00	(\$1) (\$1)
1.12.06.	Backup UNI, per activation	200,00	(S)
1.12.07.	Software Change Charge, per order, per UNI or Private NNI	40.00	(S¹) (S¹)

(S)

Some material appearing on this sheet (S) previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II,

Some material appearing on this sheet (S1) previously appeared on 2nd Revised Sheet No. 1.

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¹ Applies in lieu of service charges found elsewhere in this tariff or other Company tariffs.

Verizon North Inc.

SECTION 4 Original Sheet No. 27

DESCRIPTION OF DATA SERVICES AND RATES

2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS)

2.01. Application

(D)(S)

This section contains definitions, regulations and charges applicable to the provision of Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) where conditions and facilities permit.

(D)

2.02 Definitions

Hub

A Company designated serving wire center that is equipped to provide service.

Maximum Burst Size

The term "Maximum Burst Size" (MBS) denotes the consecutive number of ATM cells that can enter the ATM CRS network above the Sustained Cell Rate level and below the Peak Cell Rate level.

2.03. Regulations

2.03.01. Description of Service

Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) is a telecommunications transport and switching service that provides for high-speed connectivity between Customer Designated Locations (CDL). ATM CRS consists of a User Network Interface (UNI) available In various configurations including Port With Access Line Connection and Port Only Connection, with either Incremental or full bandwidth.

The UNI Port With Access Line Connection is a dedicated digital line that provides a link from the customer's premises to one of the Company's ATM CRS hubs. UNIs are also provisioned as a Port Only Connection as defined in Paragraph 2.03.02.b.

ATM CRS is a fast-packet, cell-based technology that can support user applications requiring high-bandwidth, high-performance transport and switching. This connectivity is provided via Permanent Virtual Circuits (PVCs) and/or Switched Virtual Circuits (SVCs) that are implemented over access facilities and switches that are dedicated to high-speed telecommunications services.

(S)

Verizon North Inc.

SECTION 4 Original Sheet No. 28

DESCRIPTION OF DATA SERVICES AND RATES

2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)

2.03. Regulations (Continued)

(S)

2.03.02. Service Components

The major components of ATM CRS are:

UNI Port With Access Line Connection
UNI Port Only Connection
Permanent Virtual Circuit (PVC)
Switched Virtual Circuit (SVC)
Effective Bandwidth

UNI Port With Access Line Connection.

UNI Port With Access Line Connections, available at the DS1, DS3, OC3c, and OC12c levels, provide dedicated transport between a CDL and an ATM CRS hub. There are two types of UNIs: Full and incremental. The Full UNI includes all available bandwidth in one rate, and the Incremental UNI is sold and provisioned with PVC and/or SVC bandwidth increments. The DS1 UNI is not offered in increments.

In order for customer traffic to be carried on the network, each Incremental UNI requires at least one 5 Mbps increment of either PVC or SVC bandwidth. The customer may elect to subscribe to multiple PVCs. SVC are established over the UNI via connection identifiers, which enables the customer to have virtual connections to various locations.

UNIs are provided at nominal data rates of 1.5 Mbps (DS1), 45 Mbps (DS3), 155 Mbps (OC3c), or 622 Mbps (OC12c). OC3c and OC12c are provided as a concatenated signal in STS-3c and STS-12c (Synchronous Transport Signal) formats, respectively. The actual throughput into CRS is less than the line rate for the UNI provided.

The rates and charges for a UNI are differentiated by the capacity of the UNI, the location where the UNI originates (i.e., customer-designated premises) and mileage ranges (expressed as tiers) associated with extending the UNI to the wire center designated as the ATM CRS hub.

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SECTION 4 Original Sheet No. 29

DESCRIPTION OF DATA SERVICES AND RATES

2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)

2.03. Regulations (Continued)

(S)

2.03.02. Service Components (Continued)

a. UNI Port With Access Line Connection

The OC3c and OC12c UNI Port With Access Line Connections are provisioned on Protected or Protected Diverse Synchronous Optical Network (SONET) facilities. SONET is a standards-based fiber optic communication network that transports both asynchronous and synchronous digital signals using the Synchronous Transport Signal (STS) format. ATM OC3c and OC12c Protected SONET UNI Port With Access Line Connections are provisioned over SONET as a survivable service with an alternate (not diverse) facility between the central office and the customer premises. ATM OC3c and OC12c Protected Diverse SONET UNI Port With Access Line Connections are provisioned over SONET as a survivable service with an alternate and diverse path between the ATM CRS hub and the customer premises.

b. UNI Port Only Connection

UNI Port Only Connections can be established as a User Network Interface (UNI) arrangement. The UNI Port Only Connection provides an ATM Cell Relay Network connection based on the port connection speeds of DS1, DS3, OC3c and OC12c. The ATM port speed will be consistent with the channel speed of the access channel. The actual throughput of customer traffic cannot exceed the bandwidth of the access channel and port speed.

UNI Port Only Connections are available as either Incremental or Full. This refers to the bandwidth that is required to provision PVCs on the port. Incremental ports come with no bandwidth and bandwidth is purchased in increments based on customer bandwidth requirements. Full ports come with all bandwidth included up to the maximum rate of the port. Each port can accommodate multiple PVCs or SVCs depending on the bandwidth purchased. UNI Port Only is available on a one (1) year, two (2) year, three (3) year and five (5) year Term Commitment Period.

Customers may access Port Only Connections via Company-provided digital access facilities or via facilities provided by another carrier. When access facilities are provided by the Company, the associated regulations, rates and charges under the appropriate Company tariff shall apply in addition to the regulations, rates and charges associated with ATM CRS. Company-provided access facilities may also be provisioned on an Individual Case Basis (ICB) where access facilities are not generally available under the applicable tariff. Charges to connect access line services provided by the Company or another carrier may apply and will be billed separately. Any special construction or nonstandard charges assessed by the carrier supplying the access facilities will be the responsibility of the customer.

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SECTION 4 Original Sheet No. 30

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

(S)

- 2.03.02. Service Components (Continued)
 - c. Permanent Virtual Circuit (PVC)

The PVC defines a virtual connection across a UNI between the customer premises and the Company's ATM CRS hub. Each UNI requires at least one PVC in order for customer traffic to traverse the network. Each ATM cell carries a unique tag which identifies that ATM CRS cell as belonging to a particular PVC. A PVC is a logical channel connecting two or more customer-designated premises with virtual connections through a Company-provided ATM CRS switch(es). The PVCs may be provided on a point-to-point or point-to-multipoint basis. When a PVC is provided as a point-to-point virtual connection, transmission is bi-directional allowing for ATM CRS cells to be transmitted or received over the same PVC. For point-to-multipoint virtual connections, transmission is provided as transmit only. The virtual connection is set up by the Company based on information contained on a service order rather than by dial-up signaling.

PVCs consist of two types: Virtual Channel Connections (VCCs) and Virtual Path Connections (VPCs). A VCC is a type of PVC with independent identity and defined service parameters that are provisioned via service order, and cannot be altered by the customer without additional service order activity. A VPC is a type of PVC with defined service parameters that is provisioned via service order. Customers may provision their own virtual channels within the VPC, provided that the sum of the service parameters of all of the virtual channels does not exceed the aggregate service parameters of the VPC.

d. Switched Virtual Circuit (SVC)

SVCs are similar in structure to PVCs, but SVCs are provisioned on demand by customer premises equipment that signals the ATM cell relay network to set up and tear down logical connections. The network will respond to these requests by provisioning a virtual connection across the network based on the class of service parameters requested, provided that sufficient network resources are available to establish the connection. Each UNI that is SVC signal enabled will be provided with a SVC International Code Designator (ICD) prefix that will uniquely identify the UNI. Customers must use this Company-assigned prefix when requesting SVC virtual connections across the Company Cell Relay Network. Each Constant Bit Rate (CBR) and Variable Bit Rate (VBR) SVC will be limited to a maximum Peak Cell Rate of 20 Mbps and a maximum Sustained Cell Rate of 20 Mbps.

Closed User Group (CUG) capability is a feature associated with SVCs. A CUG provides the ability to contain SVC calls between certain UNIs. A CUG functionally groups UNIs into logical associations and allows calling privileges to be specified network wide. A CUG provides a network-wide mechanism for access control. CUGs provide a logical grouping of UNIs, creating a SVC community of interest.

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Verizon North Inc.

SECTION 4 Original Sheet No. 31

DESCRIPTION OF DATA SERVICES AND RATES

2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)

2.03. Regulations (Continued)

(S)

2.03.02. Service Components (Continued)

e. Effective Bandwidth

Effective bandwidth is the bandwidth reserved for each logical connection (PVC or SVC) that is set up across a UNI. It is based on the Peak Cell Rate (PCR), Sustained Cell Rate (SCR), Maximum Burst Size (MBS), and the class of service parameters selected, i.e., CBR (Constant Bit Rate), VBRrt (Variable Bit Rate real time), VBRnrt (Variable Bit Rate non-real time), or UBR (Unspecified Bit Rate). The total effective bandwidth of all the logical connections on a UNI cannot exceed the total bandwidth available on the UNI. Effective bandwidth prices do not vary by class of service level selected. However, effective bandwidth is consumed in varying degrees based on the class of service parameters selected. The higher the class of service, the more bandwidth will be reserved. A CBR PVC with the same PCR as a VBR PVC will reserve more effective bandwidth.

2.03.03. Technical Specifications

The technical specifications for ATM CRS are delineated in Technical References TR-NWT-001112, GR-1110-CORE, GR-1248-CORE, and SR-3330.

The technical specifications for DS1 and DS3 signals are delineated in TR-INS-000342.

The technical specifications for OC3c and OC12c signals are delineated in GR-253-CORE, issue 2.

The technical specifications for UNIs are delineated in ATM Forum ATM User Network Interface Specifications V3.0, af-uni-0010.001, and V3.1, af-uni-0010.002. Interface specifications for customer-provided ATM CRS compatible premises equipment or devices must also be in accordance with the specifications defined in these documents.

2.03.04. Provision of Service

ATM CRS includes:

- a. A minimum of one UNI Port With Access Line or UNI Port Only connection has a maximum nominal capacity for either DS1 (1.5 Mbps), DS3 (45 Mbps), OC3c (155 Mbps), or OC12c (622 Mbps). The OC3c and OC12c UNIs are provisioned over Protected or Protected Diverse SONET. The Protected and Protected Diverse SONET facilities provide a backup facility that automatically switches in the event of a failure on the primary facility.
- b. Unlimited usage on purchased bandwidth.

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SECTION 4 Original Sheet No. 32

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

(S)

2.03.04. Provision of Service (Continued)

ATM CRS includes: (Continued)

- c. Incremental UNIs must have at least one increment of effective bandwidth (either PVC or SVC) in order for traffic to traverse the network. The DS1, DS3, OC3c, and OC12c Full UNIs are equipped with the full effective bandwidth.
- Either one or more PVCs. When PVC bandwidth is purchased, one or more PVCs must be selected for customer traffic to traverse the network.
- e. Two types of PVCs, (i) Virtual Channel Connections (VCCs) and (ii) Virtual Path Connections (VPCs), which support the following Classes of Service:
 - e.1 Constant Bit Rate (CBR)
 - e.2 Variable Bit Rate real time (VBRrt)
 - e.3 Variable Bit Rate non-real time (VBRnrt)
 - e.4 Unspecified Bit Rate (UBR)
- 2.03.05. Tier Structure for Local Serving Offices

Locations (wire centers) that provide ATM CRS have been designated as ATM hubs. Each local serving office has been placed in a Tier 1, 2 or 3, based on its location relative to the closest ATM hub.

2,03.06. Service Functionality

The ATM CRS functionality consists of transporting 53-byte cells of information from the customer location to a Company ATM hub over a UNI. The traffic is routed in the switch to another UNI, or other suitable network connection.

- 2.03.07. Class of Service Parameters
 - a. Constant Bit Rate (CBR)
 - a.1 Peak/Sustained Cell Rate:

Customer-specified in increments of 64 Kbps up to the maximum speed of the UNI.

a.2 Non-conforming cells:

Discarded

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Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.10.

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Verizon North Inc.

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

(S)

- 2.03.07. Class of Service Parameters (Continued)
 - a. Constant Bit Rate (CBR) (Continued)
 - a.3 Cell Delay Variation Tolerance (CDVT):

DS1 = 600 microseconds DS3 = 600 microseconds

OC3c = 600 microseconds

OC12c = 600 microseconds

- b. Variable Bit Rate (VBR) Real Time/Non-Real Time
 - b.1 Sustained Cell Rate (SCR):

Customer specified in increments of 64 Kbps up to the maximum speed of the UNI.

b.2 Peak Cell Rate (PCR):

Customer selectable in increments of 64 Kbps up to line rate. Default is 200% of SCR for PVCs. (The ratio of PCR to SCR will be signaled by Customer Premises Equipment [CPE] for SVCs. Therefore there is no default value.)

b.3 Non-conforming cells:

Discarded

b.4 Cell Delay Variation Tolerance (CDVT):

DS1 = 600 microseconds

DS3 = 600 microseconds

OC3c = 600 microseconds

OC12c = 600 microseconds

(S)

Verizon North Inc.

SECTION 4 Original Sheet No. 34

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

(S)

- 2.03.08. Special Conditions
 - ATM CRS is available where facilities and conditions permit. For locations where the customer requests ATM
 CRS and digital, or SONET facilities are not available, special construction charges may apply.
 - b. Maintenance Window

To meet the customers' requirements, occasional network upgrades must be performed. These network upgrades are needed to provide improved performance and new features. Generally, these upgrades will be performed between the hours of 11 PM and 8 AM. Network upgrades are planned to provide customers reasonable and timely notification in order to minimize any impact on the customers' service.

2.03.09. Responsibility of the Customer

The customer must provide the necessary compatible premises equipment or ATM CRS device capable of interfacing with the Company's ATM CRS.

2.03.10. Responsibility of the Company

The Company is responsible for service up to and including the network interface. The Company's responsibility is limited to the furnishing of communications facilities and switches suitable for ATM CRS.

ATM CRS is supported by the Company's Single Point of Contact (SPOC) center, which provides continuous support for ATM CRS 24 hours per day, seven days per week (24x7) with the ability to manage all of the customer's ATM CRS as a single network. The SPOC performs maintenance, trouble resolution and network management functions on a 24x7 basis. Service order processing and network installation functions are performed only during normal business hours.

- 2.03.11. Application of Rates and Charges
 - Rate Elements

The following rate elements are applicable to ATM CRS:

- UNI Port With Access Line Connection
- UNI Port Only Connection
- Permanent Virtual Circuits (PVCs)
- Effective Bandwidth for Incremental UNIs
- Closed User Groups (CUG)
- Administrative Charge

(S)

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Verizon North Inc.

SECTION 4 Original Sheet No. 35

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

(S)

- 2.03.11. Application of Rates and Charges (Continued)
 - a. Rate Elements (Continued)
 - a.1 UNI Port With Access Line Connection

A monthly rate applies on a per Port With Access Line connection, based on the speed (i.e., DS1, DS3, OC3c or OC12c) and/or type (i.e., Full or Incremental, SONET - Protected or Protected Diverse) of the access connection. UNI Port and Access is offered as a one (1) year, two (2) year, three (3) year or five (5) year Term Commitment Period only. Nonrecurring charges are not applicable.

a.2 UNI Port Only Connection

A monthly rate applies on a per Port Only basis, based on the speed (i.e., DS1, DS3, OC3c or OC12c) and/or type (i.e., Full or Incremental) of the port only connection. UNI Port Only is offered as a one (1) year, two (2) year, three (3) year or five (5) year Term Commitment Period only. Nonrecurring charges are not applicable.

a.3 Permanent Virtual Circuits (PVCs)

The Administrative Charge does not apply when PVCs are installed at the same time as the respective UNIs.

a.4 Effective Bandwidth for Incremental UNIs

A monthly rate applies for incremental UNIs for CBR or VBR PVC and SVC bandwidth at 5 Mbps for DS3 or OC3c and at 15 Mbps for OC12c. A monthly rate also applies for incremental UNIs for UBR PVC and SVC bandwidth for DS3, OC3c and OC12c. Nonrecurring charges are not applicable.

The monthly rate for PVC and/or SVC UBR bandwidth will be waived when the combined VBR and CBR effective bandwidth purchased (either SVC or PVC or any combination) is equal to at least 50% of the effective bandwidth capacity of the UNI. When UBR bandwidth is made available, it is available for both PVCs and SVCs. Nonrecurring charges are not applicable.

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Verizon North Inc.

SECTION 4 Original Sheet No. 36

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

(S)

- 2.03.11. Application of Rates and Charges (Continued)
 - a. Rate Elements (Continued)
 - a.5 Closed User Groups (CUG)

A nonrecurring charge applies per order and per UNI for each CUG established and for each subsequent CUG member added to a CUG. The nonrecurring charge does not apply when a CUG is installed at the same time as the respective UNI.

a.6 Administrative Charge

A nonrecurring charge applies (per order, per UNI) when the customer initiates a change to one or more of the following: UNI bandwidth, PVCs, class of service parameters, and/or other service parameters that do not require changes in physical facilities and that can be provisioned by the Company without the dispatch of a technician to the customer location. For each service order issued, the charge will be one Administrative Charge regardless of the number of changes made. The Administrative Charge does not apply for those items ordered on the same service order with the installation of a UNI.

b. Minimum Charge

The minimum charge for ATM CRS will not be less than one Monthly Recurring Charge (MRC) for the applicable service and term selected, plus Termination Liability as described in Paragraph 2.03.11.c.1 below.

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Verizon North Inc.

SECTION 4 Original Sheet No. 37

DESCRIPTION OF DATA SERVICES AND RATES

- 2. Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
- 2.03. Regulations (Continued)

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(S)

- 2.03.11. Application of Rates and Charges (Continued)
 - c. Term Commitment Periods

The ATM CRS UNI Port With Access Line Connection and UNI Port Only Connection rate elements are available under a term commitment period.

Term commitments of one (1), two (2), three (3) and five (5) years are available to ATM CRS UNI Port With Access Line Connection and UNI Port Only customers at the applicable rates set forth in Paragraph 2.04. Rate elements must be ordered under the same term commitment period.

c.1 Termination Liability

If ATM CRS is terminated by the customer prior to the anniversary date of the initial term commitment period, termination liability charges, as set forth in Section 1 of this tariff, will apply.

d. Moves

When the customer requests a move or relocation of the UNI, the move or relocation will be treated as a termination of the existing service and the establishment of a new service.

e. Special Facilities Routing

The customer may request that the facilities used to provide ATM CRS be specially routed. Additional charges will apply based on cost.

f. Acceptance Testing

At the customer's request, the Company will cooperatively test at the time of installation at no additional charge. Acceptance tests will include tests for the parameters applicable to the service as specified in the order for service.

Rates

2.04

2.04.01.

SECTION 4 Original Sheet No. 38

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DESCRIPTION OF DATA SERVICES AND RATES

2.	Asynchronous	Transfer Mode (ATM) Cell Relat	v Sarvice (CRS)	(Continued)
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		One Year Monthly <u>Rate</u>	Two Year Monthly Rate	Three Year Monthly <u>Rate</u>	Five Year Monthiy <u>Rate</u>	
a.	DS1, each					
	Full					
	Tier 1 (0 to 5 Miles)	\$ 665.00	\$ 632.00	\$ 565.00	\$ 532.00	
	Tier 2 (Over 5 to 25 Miles)	665.DO	632.00	565.00	532.00	
	Tier 3 (Over 25 to 50 Miles)	665.00	632.00	565.00	532.00	
b.	DS3, each					
	Full					
	Tier 1 (0 to 5 Miles)	3,355.00	3,187.00	2,852.00	2,684.00	
	Tier 2 (Over 5 to 25 Miles)	3,947.00	3,750.00	3,355.00	3,158.00	
	Tier 3 (Over 25 to 50 Miles)	4,736.00	4,499.00	4,026.00	3,789.00	
	Incremental					
	Tier 1 (0 to 5 Miles)	2,815.00	2,674.00	2,393.00	2,252.00	
	Tier 2 (Over 5 to 25 Miles)	3,312.00	3,146.00	2,815.00	2,649.00	
	Tier 3 (Over 25 to 50 Miles)	3,974.00	3,775.00	3,378.00	3,179.00	(

Verizon North Inc.

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SECTION 4 Original Sheet No. 39

DESCRIPTION OF DATA SERVICES AND	I RAT	TES
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Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)

Tier 2 (Over 5 to 25 Miles)

Tier 3 (Over 25 to 50 Miles)

Tier 2 (Over 5 to 25 Miles)

Tier 3 (Over 25 to 50 Miles)

Incremental, Protected Diverse Tier 1 (0 to 5 Miles)

Tier 2 (Over 5 to 25 Miles)

Tier 3 (Over 25 to 50 Miles)

Incremental, Protected Tier 1 (0 to 5 Miles)

2.04	Rates (Continued)				
2.04.01	UNI Port with Access Line Connection (Continued)				
		One Year Monthly <u>Rate</u>	Two Year Monthly Rate	Three Year Monthly <u>Rate</u>	Five Year Monthly <u>Rate</u>
	c. OC3c, each				
·	SONET				
	Full, Protected Tier 1 (0 to 5 Miles) Tier 2 (Over 5 to 25 Miles) Tier 3 (Over 25 to 50 Miles)	\$ 6,330.00 7,447.00 8,936.00	\$ 6,014.00 7,075.00 8,489.00	\$ 5,381.00 6,330.00 7,596.00	\$ 5,064.00 5,958.00 7,149.00
	Full, Protected Diverse Tier 1 (0 to 5 Miles)	7,730.00	7,344.00	6,571.00	6,184.00

9,094.00

10,913.00

4,410.00

5,188.00

6,226.00

5,810.00

6,835.00

8,202.00

8,639.00

10,367.00

4,190.00

4,929.00

5,915.00

5,520.00

6,493.00

7,792.00

Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.10.

Issued: October 26, 2007

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7,730.00

9,276.00

3,749.00

4,410.00

5,292.00

4,939.00

5,810.00

6,972.00

7,275.00

8,730.00

3,528.00

4,151.00

4,981.00

4,648.00

5,468.00

6,562.00

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Verizon North Inc.

		DESCRIPTION OF DAT	TA SERVICES A	ND RATES			
2.	Asynchron	ous Transfer Mode (ATM) Cell Relay	Service (CRS) (Continued)			
2.04	Rates (Conti	Rates (Continued)					
2.04.01.	UNI Port wit	h Access Line Connection (Continued)					
			One Year Monthly <u>Rate</u>	Two Year Monthly <u>Rate</u>	Three Year Monthly <u>Rate</u>	Five Year Monthly <u>Rate</u>	
	d. OC12	c, each					
		SONET					
		Full, Protected Tier 1 (0 to 5 Miles) Tier 2 (Over 5 to 25 Miles) Tier 3 (Over 25 to 50 Miles)	\$ 19,560.00 23,012.00 27,614.00	\$ 18,582.00 21,861.00 26,233.00	\$ 16,626.00 19,560.00 23,472.00	\$15,648.00 18,409.00 22,091.00	
		Full, Protected Diverse Tier 1 (0 to 5 Miles) Tier 2 (Over 5 to 25 Miles) Tier 3 (Over 25 to 50 Miles)	21,160.00 24,894.00 29,873.00	20,102.00 23,649.00 28,379.00	17,986.00 21,160.00 25,392.00	16,928.00 19,915.00 23,898.00	
		Incremental, Protected Tier 1 (0 to 5 Miles) Tier 2 (Over 5 to 25 Miles) Tier 3 (Over 25 to 50 Miles)	13,000.00 15,294.00 18,353.00	12,350.00 14,529.00 17,435.00	11,050.00 13,000.00 15,600.00	10,400.00 12,235.00 14,682.00	
		Incremental, Protected Diverse Tier 1 (0 to 5 Miles) Tier 2 (Over 5 to 25 Miles)	14,600.00 17,176.00	13,870.00 16,317.00	12,410.00 14,600.00	11,680.00 13,741.00	

20,612.00

19,581.00

17,520.00

Material appearing on this sheet previously appeared in Verizon Telephone Companies Tariff FCC No. 20, Part II, Section 5.10.

Tier 3 (Over 25 to 50 Miles)

Issued: October 26, 2007

Effective: October 26, 2007

16,489.00

SECTION 4 Original Sheet No. 41

DESCRIPTION OF DATA SERVICES AND RATES

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2.	Asy	ynchronous '	Transfer Mode (ATM) Call R	elay Service (CRS) (C	ontinued)				
2.04	Rat	Rates (Continued)							
2.04.02.	UNI Port Only Connection								
				One Year Monthly <u>Rate</u>	Two Year Monthly <u>Rate</u>	Three Year Monthly <u>Rate</u>	Five Year Monthly <u>Rate</u>		
	a.	DS1, each							
			Full '	\$ 347.00	\$ 330.00	\$ 295.00	\$ 278.00		
	b.	DS3, each							
			Full Incremental	1,224.00 588.00	1,163.00 559.00	1,040.00 500.00	979.00 471.00		
	C.	OC3c, each	h						
			Full Incremental	3,200.00 941.00	3,040.00 894.00	2,720.00 800.00	2,560.00 753.00		
	d.	OC12c, eac	ch						
			Full incremental	11,247.00 3,529.00	10,685.00 3,353.00	9,560.00 3,000.00	8,998.00 2,824.00	(S)	

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SECTION 4 Original Sheet No. 42

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DESCRIPTION OF DATA SERVICES AND RATES

2.04	Rate	s (Continued)
2.04.03.	Pern	nanent Virtual Circuits (PVCs), per order
		Nonrecurring Charge1
	a.	Virtual Channel Connections (VCCs)

Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)

Constant Bit Rate (CBR)	\$75.00
Variable Bit Rate real time (VBRrt)	75.00
Variable Bit Rate non-real time (VBRnrt)	75.00
Unspecified Bit Rate (UBR)	75.00
, , ,	

b. Virtual Path Connections (VPCs)

Constant Bit Rate (CBR)	75.00
Variable Bit Rate real time (VBRrt)	75.00
Variable Bit Rate non-real time (VBRnrt)	75.00
Unspecified Bit Rate (UBR)	75.00

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Issued: October 26, 2007

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Applies per order and in lieu of service charges found elsewhere in this tariff or other Company tariffs. If multiple UNIs are involved, a nonrecurring charge will apply to each UNI Port on which the virtual connections will reside. The nonrecurring charge does not apply when PVCs are installed at the same time as the respective UNIs.

SECTION 4 Original Sheet No. 43

(S)

DESCRIPTION OF DATA SERVICES AND RATES

2.	Asynchronous Transfer Mode (ATM) Cell Relay Service (CRS) (Continued)
2.04.	Rates (Continued)

0.04.04	F 65	Description of	
7 114 114	- Hective	Handwidth for	Incremental LINIs

			Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
	a.	CBR or VBR PVC Bandwidth		ē.
		DS3, OC3c - 5 Mbps OC12c - 15 Mbps	\$ 80.00 200.00	N/A N/A
	b.	CBR or VBR SVC Bandwidth		
		DS3, OC3c - 5 Mbps OC12c - 15 Mbps	80.00 200.00	N/A N/A
	C.	UBR PVC and SVC Bandwidth, Bandwidth up to the UNI line rate		
		DS3 OC3c OC12c	400.00 1,200.00 4,000.00	N/A N/A N/A
2.04.05.	Closed User Groups (CUG) , per order, per UNI			
	a.	Each CUG	N/A	\$75.00
	b.	Each subsequent CUG member added to a CUG	N/A	75.00
2.04.06.	Administrative Charge 2, per order		N/A	75.00

Material appearing on this sheet previously appeared in Vertzon Telephone Companies Tariff FCC No. 20, Part II, Section 5.10.

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¹ Applies per order, per UNI, and in lieu of service charges found elsewhere in this tariff or other Company tariffs. The nonrecurring charge does not apply when a CUG is installed at the same time as the respective UNI.

² Applies per order, per UNI, and in lieu of service charges found elsewhere in this tariff or other Company tariffs. The nonrecuring charge does not apply for those items ordered on the same service order with the installation of a UNI.

EXHIBIT C

RATIONALE FOR CHANGE

Verizon North Inc. proposes to revise its General Exchange Tariff, P.U.C.O. No. 10, to include ATM and FRAME relay tariff services. These services were previously located in Verizon's Federal tariff and were concurred in Verizon's State tariffs. The FCC granted Verizon forbearance for these services, and subsequently, they are being removed from the Federal tariffs and now need to be placed in State tariffs. Since there are no changes in terms and conditions, no customer notice is required.