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

Dear Ms. Massaro:

We are filing, herewith, for effect October 22, 2005, tariff material consisting of:

RI PUC No. 15

Part/Section	Revision of Page(s)	Original of Page(s)
TOC	45 and 66	N/A
D/1	N/A	32 through 35
M/4	N/A	23 and 24

In this filing, Verizon Rhode Island (“Verizon RI”) introduces SONET Point-to-Point Service, which provides customers with high speed, synchronous optical fiber-based data transmission capabilities using a shared, dedicated SONET network. SONET Point-to-Point Service (“SPTP”) enables customers to interconnect with Verizon RI at an optical level to provide affordable transport between customer locations or between the customer’s premises and a Verizon wire center for connecting services of equal speed. Verizon RI’s Intrastate SPTP product offering meets the growing demands of Internet Service Providers (“ISPs”) and large business customers for optical connectivity with greater efficiencies for both the customers and Verizon RI. In addition, this SPTP tariff will align Verizon RI’s intrastate and interstate offerings and will provide customers with the appropriate vehicle for purchasing an IntraLATA Point-to-Point Service.

Verizon certifies that the rates for SONET Point-to-Point Service are not less than the Long Run Incremental Costs of providing the service.

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

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

Respectfully submitted,

Theresa L. O'Brien

Attachments

Verizon Rhode Island

SONET (Synchronous Optical Network)

POINT-TO-POINT SERVICE (SPTP)

Tariff Filing Support Package

September 2005

VERIZON RHODE ISLAND
SONET POINT-TO- POINT SERVICE (SPTP)

Tariff Filing Support Package

INDEX

<u>Section</u>		<u>Page</u>
1	Purpose of Filing	3
2	Service Description	3
3	Target Market	4
4	Application of Rates and Charges	5

SONET (Synchronous Optical Network) **Point-to-Point Service (“SPTP”)**

Section 1 – Purpose of Filing

In this filing, Verizon Rhode Island (“Verizon RI”) introduces SONET Point-to-Point Service, which provides customers with high speed, synchronous optical fiber-based data transmission capabilities using a shared, dedicated SONET network. SONET Point-to-Point Service (“SPTP”) enables customers to interconnect with Verizon RI at an optical level to provide affordable transport between customer locations or between the customer’s premises and a Verizon wire center for connecting services of equal speed. Verizon RI’s Intrastate SPTP product offering meets the growing demands of Internet Service Providers (“ISPs”) and large business customers for optical connectivity with greater efficiencies for both the customers and Verizon RI. In addition, this SPTP tariff will align Verizon RI’s intrastate and interstate offerings and will provide customers with the appropriate vehicle for purchasing an IntraLATA Point-to-Point Service.

Section 2 – Service Description

SPTP is transported over a shared network infrastructure and remains optical throughout the path. Depending on the service rate (payloads consisting of 3, 12, or 48 separate Synchronous Transport Signals (STS1s) with OC3, 12, or 48), separate overheads are transported. In addition, SPTP service is offered in a concatenated format (one single channel with one single overhead) at service rates of OC3c, OC12c, and OC48c.

The same payload content is maintained throughout the service (*i.e.*, if the customer maps DS1s at one end of the service, then the customer must also map DS1s at the other end of the service). SONET equipment is required throughout the circuit.

SPTP service is available on a month-to-month basis or as 3-year and 5-year term pricing plans. A 12-month minimum billing period applies.

Monthly rate elements consist of Local Distribution Channels and Channel Mileage (fixed and variable).

The technical specifications for SPTP service are delineated in Technical Reference GR-253-CORE, Issue 3. When provided with Synchronous Transport Module (STM-1)

transmission, the technical specifications are delineated in Technical References ITU G707, ITU G708 and ITU G709.

SPTP services may be configured as follows:

- OC3 3 STS1 channels, each of which may consist of:
 - a DS3 that is STS1 mapped
 - up to 28 DS1s that are Virtual Tributary (VT) mapped
 - an STS1 channel without constraint to payload mapping

- OC3c A single concatenated STS3c channel

- STM1 Synchronous Digital Hierarchy (SDH) channel of 155.52 Mbps

- OC12 12 STS1 channels, each of which may consist of:
 - a DS3 that is STS1 mapped
 - up to 28 DS1s that are VT mapped
 - an STS1 channel without constraint to payload mapping

- OC12c A single concatenated STS12c channel

- OC48 48 STS1 channels, each of which may consist of:
 - a DS3 that is STS1 mapped
 - up to 28 DS1s that are VT mapped
 - an STS1 channel without constraint to payload mapping; or

16 separate concatenated STS3c channels; or
4 separate concatenated STS12c channels; or
any combination of the above configurations up to the total OC48 capacity

- OC48c A single concatenated STS48c channel

Section 3 – Target Market

SPTP provides a service that meets the growing needs of ISPs and other large business customers in Rhode Island for intrastate point-to-point Gigabit Ethernet, DS1, DS3, and OC services. The target market is typically large, sophisticated telecommunications users that need to be connected permanently to multiple user locations and require SONET-based services to exchange large volumes of data. For example, SPTP service may be utilized to connect locations in a campus environment or to corporations that transport data among a variety of branch offices, clients, and databases that are commonly located in metropolitan areas.

Section 4 – Application of Rates and Charges

The rate elements applicable to SPTP consist of Local Distribution Channels (LDCs) and Channel Mileage (fixed and variable/monthly). Channel terminations and the ports are combined in order to provide the single LDC charge. The LDCs apply to that portion of SPTP service provided from a specific customer location to the wire center of that specific location. Typically, an LDC is found at each end of a point-to-point service. A complete circuit would include 2 LDCs and the applicable fixed and variable mileage rate elements.

Verizon certifies that the rates for SONET Point-to-Point Service are not less than the Long-run Incremental Cost of providing SONET Point-to-Point Service.

1.	Advanced Data Services.....	1	
1.1.	Terminology.....	1	
1.1.1.	Definitions of Terms and Abbreviations.....	1	
1.2.	Application of Rates.....	2	
1.2.1.	Availability of Service.....	2	
1.3.	Frame Relay.....	3	
1.3.1.	General.....	3	
1.3.2.	Service Components.....	3	
1.3.3.	Interruption of Service.....	4	
1.3.4.	Customer Premises Equipment (CPE).....	4	
1.3.5.	Regulations.....	4	
1.3.6.	Application of Rates and Charges.....	4	
1.3.7.	Variable Term Payment Plan (VTPP).....	5	
1.3.8.	Termination Liability.....	5	
1.4.	Transparent LAN Service (TLS).....	7	
1.4.1.	Definitions.....	7	
1.4.2.	Service Descriptions.....	7	
1.4.3.	Regulations.....	7	
1.4.4.	Application of Rates and Charges.....	9	
1.4.5.	Termination Liability.....	10	
1.4.6.	Interruption of Service.....	11	
1.5.	Asynchronous Transfer Mode Cell Relay Service (ATM CRS).....	12	
1.5.1.	General.....	12	
1.5.2.	Definitions of Terms and Abbreviations.....	12	
1.5.3.	Description.....	13	
1.5.4.	Service Components.....	13	
1.5.5.	Technical Specifications.....	16	
1.5.6.	Regulations.....	16	
1.5.7.	Responsibility of the Customer.....	18	
1.5.8.	Responsibility of the Telephone Company.....	18	
1.5.9.	Application of Rates and Charges.....	18	
1.5.10.	Extended Service Plan (ESP).....	20	
1.5.11.	Termination Liability.....	20	
1.6.	Enhanced Dedicated SONET Service.....	22	
1.6.1	Definitions.....	22	
1.6.2	Description.....	23	
1.6.3	Technical Specifications.....	23	
1.6.4	Regulations.....	24	
1.6.5	Termination Liability.....	30	
1.6.6	Extension of a Commitment Period.....	31	
1.7.	SONET Point-to-Point Service.....	32	(N)
1.7.1	General.....	32	
1.7.2	Service Description.....	32	
1.7.3	Regulations.....	33	
1.7.4	Application of Rates and Charges.....	35	(N)

4.	Advanced Data Services.....	1	
4.1.	Advanced Data Services	1	
4.1.1.	Frame Relay – Monthly Service.....	1	
4.1.2.	Frame Relay – Service Period Plan.....	1	
4.1.3.	Frame Relay – NRCs	2	
4.2.	Transparent LAN Service	3	
4.2.1.	Transparent LAN Service	3	
4.3.	Asynchronous Transfer Mode Cell Relay Service	4	
4.3.1.	ATM CRS - User Network Interface (UNI) Port with Access Line Connection.....	4	
4.3.2.	ATM CRS – User Network Interface (UNI) Port Only	10	
4.3.3.	ATM CRS – User Network Interface (UNI).....	11	
4.3.4.	ATM CRS – User Network Interface (UNI) – NRCs	12	
4.4	Enhanced Dedicated SONET Services`	13	
4.4.1	Enhanced Dedicated SONET	13	
4.5.	SONET Point-to-Point Service	23	(N)
4.5.1	SONET Point-to-Point Service Monthly Rates.....	23	
4.5.2	SONET Point-to-Point Service Nonrecurring Rates	24	(N)

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1. Advanced Data Services
1.7 SONET Point-to-Point Service

(N)

1.7.1 General	
A.	<p>SONET Point-to-Point Service (SPTP) provides high speed, synchronous optical fiber-based, full duplex data transmission capabilities. SPTP is provisioned over the Telephone Company's SONET network and provides customers with SONET based broadband transport with the following capabilities:</p> <p>OC3, OC3c or STM – 1 Transmission services operating at the bit rate of 155.52 Mbps.</p> <p>OC12, OC12c Transmission services operating at the bit rate of 622.08 Mbps.</p> <p>OC48, OC48c Transmission services operating at the bit rate of 2.488 Gbps.</p>

1.7.2 Service Description	
A.	<p>SPTP provides transport at the optical level between a customer's locations or between a customer's premises and a Telephone Company wire center, where it connects with another service of equal speed.</p> <p>SPTP is transported over a shared network infrastructure and remains optical throughout the path. Depending on the service rate (payloads consisting of 3, 12, or 48 separate Synchronous Transport Signals (STS1s) with OC3, 12, or 48), separate overheads are transported. SPTP service is also offered in a concatenated format (one single channel with one single overhead) at service rates of OC3c, OC12c, and OC48c.</p> <p>The same payload content is maintained throughout the service (i.e. if DS1s are mapped by the customer at one end, DS1s must be mapped at the other end of the service). SONET equipment is required throughout the circuit.</p>
B.	<p>The service is available on a month-to-month basis or as a 3-year or 5-year term pricing plan. A 12-month minimum billing period applies. Month-to-month, 3-year and 5-year term pricing plan rates are not fixed and will vary based upon the rates in effect in the tariff.</p>
C.	<p>Monthly rate elements consist of Local Distribution Channels and Channel Mileage, fixed and variable.</p>
D.	<p>The technical specifications for SPTP service are delineated in Technical Reference GR-253-CORE, Issue 3. When provided with Synchronous Transport Module (STM-1) transmission, the technical specifications are delineated in Technical References ITU G707, ITU G708 and ITU G709.</p>
E.	<p>SPTP services may be configured as follows:</p> <p>OC3 3 STS1 channels, each of which may consist of: - a DS3 that is STS1 mapped - up to 28 DS1s that are Virtual Tributary (VT) mapped - an STS1 channel without constraint to payload mapping</p> <p>OC3c A single concatenated STS3c channel</p> <p>STM1 Synchronous Digital Hierarchy (SDH) channel of 155.52 Mbps</p> <p>OC12 12 STS1 channels, each of which may consist of: - a DS3 that is STS1 mapped - up to 28 DS1s that are VT mapped - an STS1 channel without constraint to payload mapping</p>

(N)

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1. Advanced Data Services
1.7 SONET Point-to-Point Service

(N)

1.7.2 Service Description	
E. (Cont'd)	
OC12c	A single concatenated STS12c channel
OC48	48 STS1 channels, each of which may consist of: - a DS3 that is STS1 mapped - up to 28 DS1s that are VT mapped - an STS1 channel without constraint to payload mapping; or 16 separate concatenated STS3c channels; or 4 separate concatenated STS12c channels; or any combination of the above configurations up to the total OC48 capacity
OC48c	A single concatenated STS48c channel

1.7.3 Regulations	
A.	All rate elements associated with an SPTP service that is provided on a point-to-point basis between customer designated premises must be in the same rate plan.
B.	When SPTP is ordered with STM transmission, both of the customer-designated premises must use STM transmission.
C.	SPTP is deployed upon customer request and is available based on negotiated installation intervals. Where suitable SONET facilities are not available, special construction rates and charges may apply.
D.	The customer must provide, at no cost to the Telephone Company, suitable and secure space, suitable environmental conditions and uninterrupted power supply, building entrance facilities and conduit for placement of the facilities and network equipment at its locations as necessary to provide the service.
E.	SPTP services provided on a month-to-month basis are subject to a one-year minimum service requirement. If service is disconnected during the first year, the minimum period charge is 100% of the monthly rate from the date of disconnection through the end of the first year.
F.	SPTP services provided under 3-year or 5-year term plans are subject to termination liability if service is disconnected prior to the end of the term plan.
G. Termination Liability	
1.	If the disconnect occurs during the first year of service, termination liability is calculated at 100% of the monthly charges for the unexpired portion of the first year, and at 15% of the monthly charges for the remainder of the term plan.
2.	If the disconnect occurs after the first year of service, termination liability is calculated at 15% of the monthly charges from the date of disconnection through the remainder of the term plan.

(N)

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1. Advanced Data Services
1.7 SONET Point-to-Point Service

(N)

1.7.3 Regulations	
G. (Cont'd)	
3.	Termination liability will not apply:
a.	When cancellation of the SPTP service occurs within thirty days of the effective date of a Telephone Company initiated rate increase and the customer's total monthly rate for the affected service increased by 8% or more;
b.	When the service is changed to a longer SPTP term plan;
c.	When the service is changed to an SPTP service of a higher bit rate with a new plan of equal or longer term; or,
d.	When the service is converted to Enhanced Dedicated SONET Service.
H.	Expiration – At the expiration of a 3-year or 5-year term plan, the rates for the expiring term plan will continue until the customer either cancels service or orders a new plan.
I.	A change in port or channel termination will be treated as a discontinuance of the existing service and an installation of a new service. All associated nonrecurring charges will apply for the new service. A new minimum period will be established for the new service. The customer will also be responsible for all outstanding minimum service period obligations associated with the disconnected service.
J. Credit Allowance	
1.	Any single service outage of four hours or more due solely to a Telephone Company facility failure will result in a credit of 100% of the monthly rate for the applicable rate elements affected, provided that the interruption is brought to the attention of the Telephone Company within 10 days. The total credit allowance in any one billing period cannot exceed 100% of the customer's monthly rate for the affected rate elements, regardless of the number or length of service interruptions within a billing month.
2.	A credit allowance does not apply for:
a.	Service interruptions of less than four hours;
b.	Service interruptions caused by the negligence of the customer or authorized user;
c.	Service interruptions resulting from the failure of equipment or systems provided by the customer or authorized user;
d.	Service interruptions during any period in which the Telephone Company is not afforded access to premises for testing and/or repair of service;
e.	Service interruptions when the customer has released the service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the customer prior to the release of that service;
f.	Service interruptions that continue due to the failure of the customer to authorize replacement of an element of special construction; or
g.	Service interruptions during periods when the customer elects not to release the service for testing and/or repair.

(N)

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1. Advanced Data Services
1.7 SONET Point-to-Point Service

(N)

1.7.4 Application of Rates and Charges	
A.	Monthly Recurring Charges – Apply to Local Distribution Channels (LDCs) and Channel Mileage (Fixed and Per Mile) rate elements.
1.	Local Distribution Channels – The LDC rate element combines the Channel Termination and port (protected or nonprotected) to provide the single LDC Charge. LDCs apply to that portion of the SONET Point-to-Point Service connecting two specific customer locations or connecting a customer location to the Telephone Company's serving wire center. Typically, an LDC is found at each end point.
2.	Channel Mileage – The calculation of this charge is based on a fixed mileage component and per airline miles between two serving wire centers.
B.	Nonrecurring Charges – Apply to Local Distribution Channels LDCs only.

(N)

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4. Rates and Charges
4.5 SONET Point-to-Point Service

(N)

4.5.1 SONET Point-to-Point Monthly Rates					
ID	Service Category	Rate Element	Rate		
			Month-to-Month	3-Year	5-Year
	Local Distribution Channel (LDC) – 2-Fiber Port				
		OC3 – 2-Fiber Port – Monthly – Each LDC	2,850.00	2,400.00	2,050.00
		OC3c – 2 Fiber Port – Monthly – Each LDC	2,850.00	2,400.00	2,050.00
		OC12 – 2-Fiber Port – Monthly – Each LDC	7,225.00	6,175.00	5,000.00
		OC12c – 2-Fiber Port – Monthly – Each LDC	7,225.00	6,175.00	5,000.00
		OC48 – 2-Fiber Port – Monthly – Each LDC	12,050.00	8,400.00	6,950.00
		OC48c – 2-Fiber Port – Monthly – Each LDC	12,100.00	8,450.00	7,000.00
	Local Distribution Channel (LDC) – 4-Fiber Port	OC3 – 4-Fiber Port – Monthly – Each LDC	3,100.00	2,600.00	2,200.00
		OC3c – 4-Fiber Port – Monthly – Each LDC	3,100.00	2,600.00	2,200.00
		OC12 – 4-Fiber Port – Monthly – Each LDC	7,850.00	6,675.00	5,400.00
		OC12c – 4-Fiber Port – Monthly – Each LDC	7,850.00	6,675.00	5,400.00
		OC48 – 4-Fiber Port – Monthly – Each LDC	13,100.00	9,300.00	7,550.00
		OC48c – 4-Fiber Port – Monthly – Each LDC	13,200.00	9,400.00	7,650.00
	Channel Mileage	OC3, OC3c – Fixed – Monthly – Each Channel	2,500.00	2,200.00	1,800.00
		OC12, OC12c – Fixed – Monthly – Each Channel	6,100.00	5,130.00	3,590.00
		OC48, OC48c – Fixed – Monthly – Each Channel	10,890.00	8,595.00	6,300.00
		OC3, OC3c – Monthly – Per Mile	300.00	200.00	125.00
		OC12, OC12c – Monthly – Per Mile	575.00	425.00	300.00
		OC48, OC48c – Monthly – Per Mile	2,950.00	2,350.00	1,250.00

(N)

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4. Rates and Charges
4.5 SONET Point-to-Point Service

(N)

4.5.2 SONET Point-to-Point Nonrecurring Rates					
ID	Service Category	Rate Element	Rate		
			Month-to-Month	3-Year	5-Year
	Local Distribution Channel (LDC) – 2-Fiber Port	OC3 – 2-Fiber Port – NRC – Each LDC	1.00	1.00	1.00
		OC3c – 2-Fiber Port – NRC – Each LDC	1.00	1.00	1.00
		OC12 – 2-Fiber Port – NRC – Each LDC	2.00	2.00	2.00
		OC12c – 2-Fiber Port – NRC – Each LDC	2.00	2.00	2.00
		OC48 – 2-Fiber Port – NRC – Each LDC	3.00	3.00	3.00
		OC48c – 2-Fiber Port – NRC – Each LDC	3.00	3.00	3.00
		Local Distribution Channel (LDC) – 4-Fiber Port	OC3 – 2-Fiber Port – NRC – Each LDC	1.00	1.00
	OC3c – 2-Fiber Port – NRC – Each LDC		1.00	1.00	1.00
	OC12 – 2-Fiber Port – NRC – Each LDC		2.00	2.00	2.00
	OC12c – 2-Fiber Port – NRC – Each LDC		2.00	2.00	2.00
	OC48 – 2-Fiber Port – NRC – Each LDC		3.00	3.00	3.00
	OC48c – 2-Fiber Port – NRC – Each LDC		3.00	3.00	3.00

(N)

