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October 16, 2007

Beth Salak, Director  
Competitive Markets and Enforcement  
Attn: Tariff Section  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Dear Mrs. Salak:

Pursuant to Florida Statute 364.051 we are filing herewith revisions to our Private Line Service Tariff. Following are the affected pages:

Private Line Service Tariff

Section B7      Seventh Revised Page 35.1  
                      Second Revised Page 35.1.0.0.1  
                      Second Revised Page 35.1.0.1  
                      Seventh Revised Page 35.1.1  
                      Second Revised Page 35.1.2  
                      Ninth Revised Page 52  
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                      Fifth Revised Page 52.1  
                      Second Revised Page 52.2  
                      Sixth Revised Page 55  
                      First Revised Page 55.1  
                      Second Revised Page 59.0.0.1  
                      Fifth Revised Page 59.1  
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                      Fourth Revised Page 63.1  
                      Third Revised Page 65.1  
                      Second Revised Page 65.2  
                      Ninth Revised Page 66  
                      Second Revised Page 66.1  
                      Fourth Revised Page 67

The purpose of this filing is to introduce new service capabilities for LightGate Service and SMARTRing Service to meet customer's communication needs.

Acknowledgment, date of receipt and authority number of this filing are requested.

Yours very truly,

Jerry D. Hendrix (slg)  
Regulatory Vice President

## **EXECUTIVE SUMMARY**

(FL2007-164)

### **Introduction**

The purpose of this filing is to introduce new capabilities for LightGate Service and SMARTRing Service in the Private Line Services Tariff. These capabilities include new interfaces that will give customers additional transport capabilities for data transmission.

### **Description/Rationale for Proposed Tariff**

LightGate Service and SMARTRing Service in the Private Line Services Tariff provide customers with SONET transport arrangements from those of an OC-3 (3 DS3 capacity) up through an OC-192 (192 DS3 capacity). These SONET transport arrangements have varying interface capabilities from the DS1 level up through the OC-48 level.

With this tariff filing, new interfaces are being introduced that will allow customers increased utilization of LightGate Service and SMARTRing Service for the transport of Ethernet traffic.

The interfaces introduced in this filing include transport speeds of 50 Mbps, 100 Mbps, 150 Mbps, 300 Mbps, 450 Mbps, 600 Mbps and 1000 Mbps.

This filing also reclassifies certain existing 1000 Mbps interfaces as Fractional 1000 Mbps that operate at 1000 Mbps. This change is to better relate the interface to the equipment used to provide the service and in no way changes existing customer's service.

These new interface capabilities will greatly expand a customer's transport capabilities for their LightGate Service and SMARTRing Service arrangements.

### **Revenue Impact**

The revenue for the new capabilities will cover its costs.

ISSUED: ~~October 16, 2007~~ ~~June 15, 2006~~

EFFECTIVE: ~~October 31, 2007~~ ~~June 30, 2006~~

BY: Marshall M. Criser III, President -FL  
Miami, Florida

LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.1 General (Cont'd)**

- C. Channel interface availability varies with system size, ~~and~~ transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System. (C)

Local Channel Systems:

	Asynchronous		Synchronous			
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
Customer Channel Interfaces						
DS1	Yes	Yes	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>
Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
DS3	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No
DS3 Asymmetrical with Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
STS-1	No	Yes	Yes	Yes	Yes	Yes <sup>1</sup>
OC-3	No	No	Yes	Yes	Yes	Yes
OC-12	No	No	No	No	Yes	Yes
OC-48	No	No	No	No	No	Yes
10 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
100 Mbps	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
<u>Fractional 1000 Mbps at 1000 Mbps</u>	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>
100 Mbps BellSouth Metro Ethernet Backbone	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>	Yes <sup>5</sup>	Yes <sup>5</sup>
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>

**Note 1:** Available only for systems installed on or after October 20, 2003. The maximum number of DS1 Circuits available in a system is 108.

**Note 2:** Available only for systems installed on or after April 14, 2005. The maximum number of Flex DS1 circuits available in a system is 108.

**Note 3:** Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.

**Note 4:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 5:** 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes.

LEGISLATIVE FORMAT

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd) \_\_\_\_\_

#### B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size, ~~and~~ transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System. (Cont'd) (C)

Local Channel Systems: (Cont'd)

	Asynchronous	Synchronous					
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	
Customer Channel Interfaces							
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fibre Connection (FICON™)	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	(N)
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes <sup>2</sup>	(N)
Fibre Channel 100	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	(N)
Fibre Channel 200	No	No	No	No	No	Yes <sup>2</sup>	(N)

**Note 1:** Fractional 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. Interface availability is based on equipment capability.

**Note 2:** Available only for systems that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability. (N)

FICON™ is a registered trademark of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.1 General (Cont'd)**

- C. Channel interface availability varies with system size, ~~and~~ transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System. (Cont'd) (C)

Local Channel Systems: (Cont'd)

	Asynchronous		Synchronous				
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	
Central Office Channel Interfaces							
DS1	Yes	Yes	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>	
Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	
DS3	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>	
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	
DS3 Asymmetrical with Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	
STS-1	No	Yes	Yes	Yes	Yes	No	
OC-3	No	No	Yes	Yes	Yes	Yes	
OC-12	No	No	No	No	Yes	Yes	
OC-48	No	No	No	No	No	Yes	
28 DS1 Channel System	No	No	No	Yes	Yes	Yes <sup>1</sup>	
STS-1 Channel System	No	No	No	Yes	Yes	Yes <sup>1</sup>	
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	(N)
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	(N)

**Note 1:** Available only for systems installed on or after October 20, 2003. The maximum number of DS1 Circuits available in a system is 108.

**Note 2:** Available only for systems installed on or after April 14, 2005. The maximum number of Flex DS1 circuits available in a system is 108.

**Note 3:** Fractional 1000 Mbps BellSouth Metro Ethernet Backbone, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3-STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes. Interface availability is based on equipment capability. (E)

ISSUED: ~~October 16, 2007~~ ~~June 15, 2006~~  
BY: Marshall M. Criser III, President -FL  
Miami, Florida

EFFECTIVE: ~~October 31, 2007~~ ~~June 30, 2006~~

LEGISLATIVE FORMAT

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System. (Cont'd) (C)

Local Channel Systems:

	Asynchronous		Synchronous				
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192	
Central Office Channel Interfaces (Cont'd)							
OC-3 Channel System	No	No	No	Yes	Yes	Yes	
OC-12 Channel System	No	No	No	No	No	Yes	
OC-48 Channel System	No	No	No	No	No	Yes	
10 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
100 Mbps	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
<u>Fractional 1000 Mbps at 1000 Mbps</u>	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	(T)
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	
100 Mbps BellSouth Metro Ethernet Backbone	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>	Yes <sup>4</sup>	Yes <sup>4</sup>	
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>	
Fibre Connection (FICON™)	No	No	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>	(N)
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes <sup>5</sup>	(N)
Fibre Channel 100	No	No	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>	(N)
Fibre Channel 200	No	No	No	No	No	Yes <sup>5</sup>	(N)

**Note 1:** Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.

**Note 2:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** Available only for systems installed on or after October 20, 2003.

**Note 4:** 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes.

**Note 5:** Available only for systems that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability. (N)

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LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.1 General (Cont'd)**

- C. Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System. (Cont'd)

(C)

Interoffice Channel Systems:

	Asynchronous		Synchronous			
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
Central Office Channel Interfaces						
DS1	No	No	No	No	No	No
DS3	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
STS-1	No	Yes	Yes	Yes	Yes	Yes <sup>1</sup>
OC-3	No	No	Yes	Yes	Yes	Yes
OC-12	No	No	No	Yes	Yes	Yes
OC-48	No	No	No	No	Yes	Yes
28 DS1 Channel System	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
STS-1 Channel System	No	Yes	Yes	Yes	Yes	Yes <sup>1</sup>
OC-3 Channel System	No	No	Yes	Yes	Yes	Yes
OC-12 Channel System	No	No	No	No	No	Yes
OC-48 Channel System	No	No	No	No	No	Yes
10 Mbps	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
100 Mbps	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
<u>Fractional 1000 Mbps at 1000 Mbps</u>	No	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>
Fibre Connection (FICON™)	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes <sup>4</sup>
Fibre Channel 100	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fibre Channel 200	No	No	No	No	No	Yes <sup>4</sup>

(C)

(N)

(N)

(N)

(N)

**Note 1:** Available only for systems installed on or after October 20, 2003.

**Note 2:** Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.

**Note 3:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 4:** The interface is further defined regarding the number of STS-1s used to provision the interface.

(N)

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LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.5 Rates and Charges (Cont'd)**

**A. LightGate service Local Channel Systems (Cont'd)**

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.

**7. Central Office Channel Interfaces**

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Per DS1	\$125.00	\$24.00	\$20.00	\$17.00	\$16.00	1PQE8
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	500.00	390.00	365.00	350.00	1PQEG
(d) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4
(e) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5
(f) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6
(g) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE
(h) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED
(i) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO
(j) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF
(k) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO
(l) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA
(m) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7
(n) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9
(o) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12
(p) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48
<del>(q) Per 1000 Mbps (21 STS-1)<sup>+</sup></del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>1PQEK</del> (E)
<del>(r) Per 1000 Mbps (24 STS-1)<sup>+</sup></del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>1PQEW</del> (N)
<del>(sg) Per 10 Mbps<sup>2</sup></del>	<del>450.00</del>	<del>500.00</del>	<del>175.00</del>	<del>155.00</del>	<del>140.00</del>	<del>1PQEH</del> (T)(F)
<del>(#r) Per 100 Mbps (3 STS-1) - Electrical<sup>2</sup></del>	<del>450.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>1PQEJ</del> (T)(F)
(s) Per 100 Mbps (3 STS-1) - Optical	450.00	540.00	210.00	190.00	170.00	1PQDJ (N)
<del>(##) Per Fractional 1000 Mbps<sup>2</sup></del>						<del>(T)(F)</del>
- 50 Mbps - 1 STS-1	450.00	520.00	190.00	170.00	150.00	1PQEM (T)
- 150 Mbps - 3c STS-1	450.00	560.00	230.00	210.00	190.00	1PQEN (T)
- 150 Mbps - 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQDN (N)
- 300 Mbps - 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQER (T)
- 300 Mbps - 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQDR (N)
- 450 Mbps - 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQES (T)
- 450 Mbps - 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQDS (N)
- 600 Mbps - 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQET (T)
- 600 Mbps - 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQDT (N)
- 1000 Mbps - 21 STS-1	400.00	740.00	520.00	475.00	425.00	1PQEK (C)
- 1000 Mbps - 24c STS-1	400.00	740.00	520.00	475.00	425.00	1PQEW (C)
(##u) Per Flex DS1	130.00	24.00	20.00	17.00	16.00	1PQEQ (T)(F)

**Note 1:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 2:** Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Material previously appearing on this page now appears on page(s) 52.0.1 of this section.

BELLSOUTH  
TELECOMMUNICATIONS, INC.  
FLORIDA

PRIVATE LINE SERVICES TARIFF

Ninth Revised Page 52~~Eighth Revised Page 52~~

~~Cancels Eighth Revised Page 52~~~~Cancels Seventh Revised Page 52~~

ISSUED: October 16, 2007~~ISSUED: December 14, 2006~~

EFFECTIVE: October 31, 2007~~EFFECTIVE: December 29, 2006~~

BY: Marshall M. Criser III, President -FL  
Miami, Florida

Material previously appearing on this page now appears on page(s) 52.0.1 of this section.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

ISSUED: October 16, 2007 ~~ISSUED: June 14, 2007~~

EFFECTIVE: October 31, 2007 ~~EFFECTIVE: June 29, 2007~~

BY: Marshall M. Criser III, President -FL  
 Miami, Florida

**LEGISLATIVE FORMAT**

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.5 Rates and Charges (Cont'd)**

**A. LightGate service Local Channel Systems (Cont'd)**

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.  
 (Cont'd)

**7. Central Office Channel Interfaces (Cont'd)**

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>	
( <del>wp</del> ) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	<b>\$800.00</b>	<b>\$500.00</b>	<b>\$175.00</b>	<b>\$155.00</b>	<b>\$140.00</b>	<b>1PQEU</b>	(T)
( <del>æw</del> ) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	<b>800.00</b>	<b>540.00</b>	<b>210.00</b>	<b>190.00</b>	<b>170.00</b>	<b>1PQEY</b>	(T)
( <del>yz</del> ) Per 1000 Mbps Metro Ethernet Backbone	<b>850.00</b>	<b>740.00</b>	<b>520.00</b>	<b>475.00</b>	<b>425.00</b>	<b>1PQEZ</b>	(T)
( <del>zy</del> ) Per Fractional 1000 Mbps Metro Ethernet Backbone							(T)
- 150 Mbps (3 STS-1)	<b>850.00</b>	<b>560.00</b>	<b>230.00</b>	<b>210.00</b>	<b>190.00</b>	<b>1PQD5</b>	
- 300 Mbps (6 STS-1)	<b>850.00</b>	<b>600.00</b>	<b>300.00</b>	<b>280.00</b>	<b>260.00</b>	<b>1PQD6</b>	
- 450 Mbps (9 STS-1)	<b>850.00</b>	<b>640.00</b>	<b>340.00</b>	<b>310.00</b>	<b>290.00</b>	<b>1PQD7</b>	
- 600 Mbps (12 STS-1)	<b>850.00</b>	<b>700.00</b>	<b>380.00</b>	<b>340.00</b>	<b>320.00</b>	<b>1PQD8</b>	
( <del>az</del> ) Per Fibre Connection (FICON™) (21 STS-1)	<b>500.00</b>	<b>810.00</b>	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQGA</b>	(T)(N)
( <del>aba</del> ) Per Fibre Connection (FICON™) (24c STS-1)	<b>500.00</b>	<b>810.00</b>	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQGB</b>	(T)(N)
( <del>aeab</del> ) Per Fibre Connection (FICON™) Express (48 STS-1)	<b>520.00</b>	<b>1,280.00</b>	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQGC</b>	(T)(N)
( <del>adac</del> ) Per Fibre Connection (FICON™) Express (48c STS-1)	<b>520.00</b>	<b>1,280.00</b>	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQGD</b>	(T)(N)
( <del>ead</del> ) Per Fibre Channel 100 (21 STS-1)	<b>500.00</b>	<b>830.00</b>	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQGE</b>	(T)(N)
( <del>afae</del> ) Per Fibre Channel 100 (24c STS-1)	<b>500.00</b>	<b>830.00</b>	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQGF</b>	(T)(N)
( <del>agaf</del> ) Per Fibre Channel 200 (48 STS-1)	<b>520.00</b>	<b>1,360.00</b>	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQGG</b>	(T)(N)
( <del>ahag</del> ) Per Fibre Channel 200 (48c STS-1)	<b>520.00</b>	<b>1,360.00</b>	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQGH</b>	(T)(N)

FICON™ is a registered trademark of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.5 Rates and Charges (Cont'd)**

**A. LightGate service Local Channel Systems (Cont'd)**

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.  
(Cont'd)

**8. Customer Channel Interfaces**

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Per DS1	\$170.00	\$24.00	\$20.00	\$17.00	\$16.00	1PQF1
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQF3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	280.00	500.00	390.00	365.00	350.00	1PQFG
(d) Per STS-1	125.00	240.00	195.00	185.00	175.00	1PQF4
(e) Per OC-3 (2 Fiber)	125.00	240.00	190.00	175.00	160.00	1PQF5
(f) Per OC-3 (4 Fiber)	125.00	475.00	380.00	350.00	320.00	1PQF6
(g) Per OC-12 (2 Fiber)	275.00	715.00	570.00	525.00	480.00	1PQF8
(h) Per OC-12 (4 Fiber)	275.00	1,430.00	1,140.00	1,050.00	960.00	1PQF7
(i) Per OC-48 (2 Fiber)	300.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQF2
(j) Per OC-48 (4 Fiber)	300.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQFO
<del>(k) Per 1000 Mbps 850 nm Multi-mode (21 STS-1)<sup>†</sup></del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>1PQFK</del> (C)
<del>(l) Per 1000 Mbps 850 nm Multi-mode (24 STS-1)<sup>†</sup></del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>1PQFP</del> (N)
<del>(m) Per 1000 Mbps 1310 nm Single-mode (21 STS-1)<sup>†</sup></del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>1PQ3K</del> (C)
<del>(n) Per 1000 Mbps 1310 nm Single-mode (24 STS-1)<sup>†</sup></del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>1PQ3P</del> (N)
<del>(ok) Per 10 Mbps (3 STS-1) - Electrical<sup>2</sup></del>	<del>450.00</del>	<del>500.00</del>	<del>175.00</del>	<del>155.00</del>	<del>140.00</del>	<del>1PQFH</del> (T)(F)
<del>(pl) Per 100 Mbps (3 STS-1) - Electrical<sup>2</sup></del>	<del>450.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>1PQFJ</del> (T)(F)
<del>(qm) Per 100 Mbps (3 STS-1) - 1310 nm Single-mode<sup>2</sup></del>	<del>450.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>1PQ3J</del> (T)(F)
<del>(rn) Per Fractional 1000 Mbps<sup>2</sup></del>						(T)(F)
- 50 Mbps 850 nm Multi-mode - 1 STS-1	450.00	520.00	190.00	170.00	150.00	1PQFM (T)
- 50 Mbps 1310 nm Single-mode - 1 STS-1	450.00	520.00	190.00	170.00	150.00	1PQ3M (T)
- 150 Mbps 850 nm Multi-mode - 3c STS-1	450.00	560.00	230.00	210.00	190.00	1PQFN (T)
- 150 Mbps 1310 nm Single-mode - 3c STS-1	450.00	560.00	230.00	210.00	190.00	1PQ3N (T)
- 150 Mbps 850 nm Multi-mode - 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQJN (N)
- 150 Mbps 1310 nm Single-mode - 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQKN (N)
- 300 Mbps 850 nm Multi-mode - 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQFR (T)
- 300 Mbps 1310 nm Single-mode - 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQ3R (T)
- 300 Mbps 850 nm Multi-mode - 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQJR (N)
- 300 Mbps 1310 nm Single-mode - 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQKR (N)
- 450 Mbps 850 nm Multi-mode - 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQFS (T)
- 450 Mbps 1310 nm Single-mode - 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQ3S (T)
- 450 Mbps 850 nm Multi-mode - 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQJS (N)
- 450 Mbps 1310 nm Single-mode - 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQKS (N)
- 600 Mbps 850 nm Multi-mode - 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQFT (T)
- 600 Mbps 1310 nm Single-mode - 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQ3T (T)
- 600 Mbps 850 nm Multi-mode - 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQJT (N)
- 600 Mbps 1310 nm Single-mode - 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQKT (N)
- 1000 Mbps 850 nm Multi-mode - 21 STS-12	400.00	740.00	520.00	475.00	425.00	1PQFK (N)
- 1000 Mbps 1310 nm Single-mode - 21 STS-12	400.00	740.00	520.00	475.00	425.00	1PQ3K (N)
<u>12</u>						
- 1000 Mbps 850 nm Multi-mode - 24c STS-12	400.00	740.00	520.00	475.00	425.00	1PQFP (N)
- 1000 Mbps 1310 nm Single-mode - 24c STS-12	400.00	740.00	520.00	475.00	425.00	1PQ3P (N)

Material previously appearing on this page now appears on page(s) 52.2 of this section.

BELLSOUTH  
TELECOMMUNICATIONS, INC.  
FLORIDA

PRIVATE LINE SERVICES TARIFF ~~Fourth Revised Page 52.1~~ Fifth Revised Page 52.1  
~~Cancels Third Revised Page 52.1~~ Cancels Fourth Revised Page 52.1

~~ISSUED: October 16, 2007~~ ISSUED: December 14, 2006

~~EFFECTIVE: October 31, 2007~~ EFFECTIVE: December 29, 2006

BY: Marshall M. Criser III, President -FL  
Miami, Florida

(S)	Per Flex DS1	260.00	24.00	20.00	17.00	16.00	1PQFQ	(T)(P)
								(M)

**Note 1:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 2:** Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** Month to month rates are only available at the end of a contract rate period.

Material previously appearing on this page now appears on page(s) 52.2 of this section.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.5 Rates and Charges (Cont'd)**

A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.  
(Cont'd)

8. Customer Channel Interfaces (Cont'd)

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>	
( <del>g</del> ) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	<b>\$800.00</b>	<b>\$500.00</b>	<b>\$175.00</b>	<b>\$155.00</b>	<b>\$140.00</b>	<b>1PQFU</b>	(T)
( <del>h</del> ) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	<b>800.00</b>	<b>540.00</b>	<b>210.00</b>	<b>190.00</b>	<b>170.00</b>	<b>1PQFY</b>	(T)
( <del>i</del> ) Per 1000 Mbps Metro Ethernet Backbone	<b>850.00</b>	<b>740.00</b>	<b>520.00</b>	<b>475.00</b>	<b>425.00</b>	<b>1PQFZ</b>	(T)
( <del>j</del> ) Per Fractional 1000 Mbps Metro Ethernet Backbone							(T)
- 150 Mbps (3 STS-1)	<b>850.00</b>	<b>560.00</b>	<b>230.00</b>	<b>210.00</b>	<b>190.00</b>	<b>1PQ35</b>	
- 300 Mbps (6 STS-1)	<b>850.00</b>	<b>600.00</b>	<b>300.00</b>	<b>280.00</b>	<b>260.00</b>	<b>1PQ36</b>	
- 450 Mbps (9 STS-1)	<b>850.00</b>	<b>640.00</b>	<b>340.00</b>	<b>310.00</b>	<b>290.00</b>	<b>1PQ37</b>	
- 600 Mbps (12 STS-1)	<b>850.00</b>	<b>700.00</b>	<b>380.00</b>	<b>340.00</b>	<b>320.00</b>	<b>1PQ38</b>	
( <del>k</del> ) Per Fibre Connection (FICON™) (21 STS-1)	<b>500.00</b>	<b>810.00</b>	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQFA</b>	(T)(N)
( <del>l</del> ) Per Fibre Connection (FICON™) (24c STS-1)	<b>500.00</b>	<b>810.00</b>	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQFC</b>	(T)(N)
( <del>m</del> ) Per Fibre Connection (FICON™) Express (48 STS-1)	<b>520.00</b>	<b>1,280.00</b>	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQFD</b>	(T)(N)
( <del>n</del> ) Per Fibre Connection (FICON™) Express (48c STS-1)	<b>520.00</b>	<b>1,280.00</b>	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQFE</b>	(T)(N)
( <del>o</del> ) Per Fibre Channel 100 (21 STS-1)	<b>500.00</b>	<b>830.00</b>	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQFF</b>	(T)(N)
( <del>p</del> ) Per Fibre Channel 100 (24c STS-1)	<b>500.00</b>	<b>830.00</b>	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQFW</b>	(T)(N)
( <del>q</del> ) Per Fibre Channel 200 (48 STS-1)	<b>520.00</b>	<b>1,360.00</b>	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQ3A</b>	(T)(N)
( <del>r</del> ) Per Fibre Channel 200 (48c STS-1)	<b>520.00</b>	<b>1,360.00</b>	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQ3B</b>	(T)(N)

FICON™ is a registered trademark of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

**LEGISLATIVE FORMAT**

**B7. DIGITAL NETWORK SERVICE**

**B7.4 LightGate Service (Cont'd)**

**B7.4.5 Rates and Charges (Cont'd)**

**D.** Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

6. LightGate OC-192 service<sup>1</sup>

a. Per OC-192

(1) 0-8 miles

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Fixed	\$190.00	\$19,000.00	\$15,500.00	\$13,800.00	\$12,500.00	1LPS8
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE8
(2) 9-25 miles						
(a) Fixed	190.00	19,900.00	15,900.00	14,200.00	12,700.00	1LPS9
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE9
(3) Over 25 miles						
(a) Fixed	190.00	22,000.00	17,700.00	15,800.00	14,100.00	1LPS6
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE6
7. Central Office Channel Interfaces						
(a) Per DS1	125.00	24.00	20.00	17.00	16.00	1PQE8
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3
(c) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4
(d) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5
(e) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6
(f) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE
(g) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED
(h) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO
(i) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF
(j) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO
(k) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA
(l) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7
(m) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9
(n) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12
(o) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48
(p) Per 1000 Mbps (21 STS-1) <sup>2</sup>	400.00	740.00	520.00	475.00	425.00	1PQEK (M)(C)
(q) Per 1000 Mbps (24 STS-1) <sup>4</sup>	400.00	740.00	520.00	475.00	425.00	1PQEW (N)
(#p) Per 10 Mbps <sup>3</sup>	450.00	500.00	175.00	155.00	140.00	1PQEH (T)(F)
(#q) Per 100 Mbps (3-STS-1) - Electrical <sup>3</sup>	450.00	540.00	210.00	190.00	170.00	1PQEJ (T)(F)
(r) Per 100 Mbps (3 STS-1) - Optical	450.00	540.00	210.00	190.00	170.00	1PQDI (N)
(#t) Per Fractional 1000 Mbps <sup>3</sup>						(M)(F)
— 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM
— 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN
— 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER
— 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES
— 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET

**Note 1:** Month to month rates are only available at the end of a contract rate period.

**Note 2:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Material previously appearing on this page now appears on page(s) 55.1 of this section.

BELLSOUTH  
TELECOMMUNICATIONS, INC.  
FLORIDA

PRIVATE LINE SERVICES TARIFF

Sixth Revised Page 55~~Fifth Revised Page 55~~  
~~Cancels Fifth Revised Page 55~~~~Cancels Fourth Revised Page 55~~

ISSUED: October 16, 2007~~ISSUED: December 14, 2006~~

EFFECTIVE: October 31, 2007~~EFFECTIVE: December 29, 2006~~

BY: Marshall M. Criser III, President -FL  
Miami, Florida

**Note 3:** Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Material previously appearing on this page now appears on page(s) 55.1 of this section.

All BellSouth marks contained herein and as set forth in the trademarks and servicemarks section of this Tariff are owned by BellSouth Intellectual Property Corporation.

ISSUED: October 16, 2007 ISSUED: June 14, 2007  
BY: Marshall M. Criser III, President -FL  
Miami, Florida

LEGISLATIVE  
FORMAT

EFFECTIVE: October 31, 2007 EFFECTIVE: June 29, 2007

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

- D. Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.) (N)
7. Central Office Channel Interfaces (Cont'd) (N)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(s) Per Fractional 1000 Mbps <sup>3</sup>							(M)(T)
- 50 Mbps - 1 STS-1	\$450.00	\$520.00	\$190.00	\$170.00	\$150.00	1POEM	(M)(T)
- 150 Mbps - 3c STS-1	450.00	560.00	230.00	210.00	190.00	1POEN	(M)(T)
- 150 Mbps - 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQDN	(N)
- 300 Mbps - 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQER	(M)(T)
- 300 Mbps - 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQDR	(N)
- 450 Mbps - 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQES	(M)(T)
- 450 Mbps - 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQDS	(N)
- 600 Mbps - 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQET	(M)(T)
- 600 Mbps - 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQDT	(N)
- 1000 Mbps - 21 STS-1	400.00	740.00	520.00	475.00	425.00	1PQEK	(M)(T)
- 1000 Mbps - 24c STS-1	400.00	740.00	520.00	475.00	425.00	1PQEW	(M)(T)
(#t) Per Fibre Connection (FICON™) (21 STS-1)	\$500.00	\$810.00	\$570.00	\$520.00	\$470.00	1PQGA	(T)(N)
(#u) Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGB	(T)(N)
(#v) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGC	(T)(N)
(#w) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGD	(T)(N)
(#x) Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGE	(T)(N)
(#y) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGF	(T)(N)
(#z) Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGG	(T)(N)
(#aa) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGH	(T)(N)

Material appearing on this page previously appeared on page(s) 55 of this section.

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 Miami, Florida

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## B7. DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

#### B7.7.1 General (Cont'd)

##### B. (Cont'd)

SMARTRing service Channel Interfaces are available as follows: (Cont'd)

<u>Channel Interfaces</u>	<u>NODES</u>							
	<u>OC-3</u>	<u>OC-3+</u>	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>	
100 Mbps BellSouth Metro Ethernet Backbone	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fractional 1000 Mbps at <u>50 Mbps</u> , 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	<u>Yes<sup>1</sup> ⊕</u>	No	Yes <sup>1</sup>	(C)				
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fibre Connection (FICON <sup>TM</sup> )	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	(N)
Fibre Connection (FICON <sup>TM</sup> ) Express	No	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	(N)
Fibre Channel 100	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	(N)
Fibre Channel 200	No	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	(N)

**Note 1:** Fractional 1000 Mbps BellSouth Metro Ethernet Backbone, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when SMARTRing service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1s, utilized in conjunction with the interface. The 100 Mbps (3-STs-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes. The 50 Mbps (1-STs-1) BellSouth Metro Ethernet Backbone interface is the only Fractional 1000 Mbps BellSouth Metro Ethernet Backbone interface that is available for OC-3 nodes. Interface availability is based on equipment capability. (C)

**Note 2:** The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability. (N)

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## B7. DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

#### B7.7.1 General (Cont'd)

- C. SMARTRing service is connectible at Company central offices to any compatible high capacity service as provided in Section B7. of this Tariff and to Broadband Exchange Line Service at compatible data rates (e.g., 1.586 Mbps) as provided in Section A40.5 of the General Subscriber Service Tariff. Rates and charges for such other services are as set forth in the applicable sections of this Tariff for such other services.
- D. The customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service.
- E. Where the customer provides two separate entrance facility cable routes for SMARTRing service, the primary and alternate entrance facilities will be separate and will enter the customer node over such different routes. When the customer requests a connection at a Customer Node via two Local Channels and Telephone Company facilities do not exist for the second Local Channel, the Telephone Company may provide an equivalent second Local Channel via an existing alternate route. When facilities become available for the second Local Channel, the Telephone Company may rearrange the alternate route at any time.
- F. The compatibility requirements, technical specifications, and generic requirements for SMARTRing service terminated at the customer's designated locations are referenced in Technical Reference ANSI T1.404-1989, and ANSI T1.403-1989.
- G. DS3 interface combinations and technical specifications are referenced in Bellcore TR-INS-000342.
- H. DS1 interface combinations and technical specifications are referenced in Bellcore TR-NPL-000054.
- I. SMARTRing service DS3 high capacity service channels have a performance objective of 99.5 percent error-free seconds over a continuous twenty-four hour period. Self-healing multi-nodal DS1 high capacity service channels have a performance objective of 99.95 percent error-free seconds over a continuous twenty-four hour period.
- J. SMARTRing service OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ capacity installed on or after June 3, 1994, is also available with FlexServ service Customer Network Management (CNM) under the rates and regulations set forth following. FlexServ service CNM is available with two options: (1) Surveillance or (2) Reconfiguration. Customers wishing to incorporate either of these capabilities into their SMARTRing service should advise the Telephone Company at the time the initial service is requested. When the customer requests to add either FlexServ service option subsequent to the initial service installation, a SMARTRing service Rearrangement charge applies as set forth in 7.5.14 following. Customers who desire to only monitor their rings may order only Surveillance. However, customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance.

Reconfiguration is provided on a per STS-1 basis. Within each STS-1 group, all activated interfaces must be optioned the same (either all Surveillance only or all Surveillance and Reconfiguration). Customers who wish to utilize this service to reconfigure DS1 interfaces must purchase the FlexServ service Reconfiguration option for all DS1 interfaces associated with the STS-1 group with which the customer desires to have equipped with FlexServ service capability.

When the customer orders Reconfiguration, the customer must order a sufficient quantity of SMARTRing service channel interfaces at every Customer Node and Central Office Node where reconfiguration capability is desired.

Reconfiguration is not available with 100 Mbps and 1000 Mbps Metro Ethernet Backbone interfaces.

- K. SMARTRing service ordered and installed after May 4, 2006, is available with an optional feature and function capability in which a customer may utilize all or part of his SMARTRing service to establish an adjunct virtual packet ring. A virtual packet ring is separate and apart from the SONET capabilities associated with high capacity channel transport via DS1 through OC-48 interfaces. A virtual packet ring provides the capability for a customer to transport Ethernet LAN traffic utilizing Basic Shared Ethernet LAN Access Links that have best effort service capabilities in which the throughput associated with a virtual packet ring are controlled/affected by the customer's traffic and network configuration. Since this is a Best-Effort service, the Telephone Company does not guarantee any performance levels including packet loss, latency or jitter of the customer's network if the customer chooses to oversubscribe his network.

SMARTRing service Basic Shared Ethernet LAN Access Links are available based on equipment capability and a customer's requested service configuration. Upon a customer request for Basic Shared Ethernet LAN Access Links, equipment capability associated with the requested configuration shall be determined. Upon successful determination of the functionality of the customer's requested arrangement, the requested service shall be made available.

Basic Shared Ethernet LAN Access Links are further defined per TR 73582. Basic Shared Ethernet LAN Access Links are available only at Customer Nodes.

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**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.1 General (Cont'd)**

**K. (Cont'd)**

10 Mbps Basic Shared Ethernet LAN, 100 Mbps Basic Shared Ethernet LAN and/or Fractional 1000 Mbps Basic Shared Ethernet LAN Customer Channel Interfaces provide multipoint functionality, i.e., Ethernet frames are delivered to two or more locations on a customer's SMARTRing service on a best effort basis. This is a multipoint connection with a bandwidth defined by a Virtual Packet Ring. A Virtual Packet Ring Connection is the medium by which two or more locations exchange Ethernet frames. The bandwidth of the Virtual Packet Ring Connection is determined by the number of STS1's reserved for the Virtual Packet Ring Connection. In order for a customer to access the Virtual Packet Ring, SMARTRing service Customer Nodes must have a 10 Mbps Basic Shared Ethernet LAN, 100 Mbps Basic Shared Ethernet LAN and/or Fractional 1000 Mbps Basic Shared Ethernet LAN interface.

SMARTRing service Basic Shared Ethernet LAN Access Links are available as follows:

Access Links	<u>CUSTOMER NODES</u>							
	OC-3	OC-3+	OC-12	OC-48	OC-48+	OC-192	OC-192+	
10 Mbps Basic Shared Ethernet LAN Access Link - Electrical	No	No	Yes <sup>1</sup>					
100 Mbps Basic Shared Ethernet LAN Access Link - Electrical	No	No	Yes <sup>1</sup>					
100 Mbps Basic Shared Ethernet LAN Access Link - Optical	No	No	Yes <sup>1</sup>					
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>1</sup>					
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical at 600 Mbps <u>or 1000 Mbps</u>	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	

A connection to a Basic Shared Ethernet Access Link at a Central Office Node on a ring may be made utilizing a comparable Fractional 1000 Mbps Central Office Channel Interface.

The Virtual Packet Ring sizes available for the various SMARTRing service rings capacities and the Basic Shared Ethernet Access Links available on a Virtual Packet Ring are as follows:

SMARTRing Service Ring Capacity	<u>VIRTUAL PACKET RING SIZE (MBPS)</u>						
	50	150	300	450	600	1000	
<u>OC-3</u>	<u>Yes</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	
OC-12	Yes	Yes	Yes	Yes	No	No	
OC-48 or OC-48+	Yes	Yes	Yes	Yes	Yes	Yes	
OC-192 or OC-192+	Yes	Yes	Yes	Yes	Yes	Yes	

Basic Shared Ethernet Channel Interfaces	<u>VIRTUAL PACKET RING SIZE (MBPS)</u>						
	50	150	300	450	600	1000	
10 Mbps Basic Shared Ethernet LAN Access Link - Electrical	Yes	Yes	Yes	Yes	Yes	Yes	
100 Mbps Basic Shared Ethernet LAN Access Link - Electrical	<u>Yes</u> <u>No</u>	Yes	Yes	Yes	Yes	Yes	
100 Mbps Basic Shared Ethernet LAN Access Link - Optical	<u>Yes</u> <u>No</u>	Yes	Yes	Yes	Yes	Yes	
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link :							
- Optical at 50 Mbps	<u>Yes</u> <u>No</u>	Yes	Yes	Yes	Yes	Yes	
- Optical at 150 Mbps	<u>Yes</u> <u>No</u>	<u>Yes</u> <u>No</u>	Yes	Yes	Yes	Yes	
- Optical at 300 Mbps	<u>Yes</u> <u>No</u>	<u>Yes</u> <u>No</u>	<u>Yes</u> <u>No</u>	Yes	Yes	Yes	
- Optical at 450 Mbps	<u>Yes</u> <u>No</u>	<u>Yes</u> <u>No</u>	<u>Yes</u> <u>No</u>	<u>Yes</u> <u>No</u>	Yes	Yes	

BELLSOUTH  
TELECOMMUNICATIONS, INC.  
FLORIDA

PRIVATE LINE SERVICES TARIFF

First Revised Page 59.2~~Original Page 59.2~~  
~~Cancels Original Page 59.2~~

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BY: Marshall M. Criser III, President -FL  
Miami, Florida

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- Optical at 600 Mbps	<del>Yes</del>	<del>No</del>	<del>Yes</del>	<del>No</del>	<del>Yes</del>	<del>No</del>	<del>Yes</del>	<del>No</del>	Yes	(C)(N)
<u>- Optical at 1000 Mbps</u>	<u>Yes</u>		<u>Yes</u>		<u>Yes</u>		<u>Yes</u>		<u>Yes</u>	(N)

**Note 1:** Available for rings installed on or after May 12, 2006. (N)

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**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.3 Architecture (Cont'd)**

**A. SMARTRing Service (Cont'd)**

- Internodal Channel (one for each path between two directly connected Customer Nodes), provides for the communications path between two directly connected Customer Nodes located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas.
- Channel Interface Capacity Reallocation (one per node per occurrence), allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces. For example, a customer may initially allocate, activated or spare, eighty-four DS1s at each node on the ring and may subsequently request Channel Interface Capacity Reallocation to drop one DS3 and fifty-six DS1s at each node, or other combination of DS3s and/or DS1s equivalent to an OC-3 network capacity.
- SMARTRing service OC-3, OC-12, or OC-48 channel interfaces are associated with optical circuits within a SMARTRing service arrangement. These optical circuits may be provisioned as concatenated. When an optical circuit is provisioned as concatenated, the multiple STS-1s within the optical circuit are provided as a single entity with a single overhead channel.
- SMARTRing service interfaces may be ordered as asymmetrical (i.e., a circuit enters one node at a lower level interface and exits at another node at a higher level interface). For example, a customer may have a service that connects to a ring via an OC-3 interface at a node. That service is then transported around the ring and connects via an OC-12 interface to another of the customer's services. The allowable asymmetrical interface arrangements for the various ring sizes are as shown in Technical Reference TR-73582.
- When the distance between nodes on a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is such that optical signal regeneration is required, then regeneration equipment will be provided at no additional charge to the customer to assure proper operation of the service. In some cases regeneration will be provided via SONET Add/Drop equipment called a Regeneration Node. A Regeneration Node does not contain the capability to add or drop services. Accordingly, FlexServ service Customer Network Management may not be ordered with a Regeneration Node, however, a customer may monitor a Regeneration Node via the FlexServ service Customer Network Management Surveillance option when a customer has established surveillance for a ring. Regeneration Node Surveillance is provided as a part of the charges associated with the customer's ring level FlexServ service Customer Network Management Surveillance. A Regeneration Node and Regeneration Node Surveillance, as applicable, will appear on a customer's records as a non-rated USOC, as follows:

Regeneration Node, all ring capacities, non-rated

SHNRD

Regeneration Node Surveillance, all ring capacities, non-rated

SHNRS

- SMARTRing service Virtual Packet Rings may be established to work with either electrical or optical Basic Shared Ethernet LAN Access Links. A Virtual Packet Ring established associated with electrical access links will only work with electrical Basic Shared Ethernet LAN Access Links and a Virtual Packet Ring established associated with optical access links will only work with optical Basic Shared Ethernet LAN Access Links. Electrical and optical access links may not be mixed on the same Virtual Packet Ring.
- Individual An individual Basic Shared Ethernet LAN Access Links Link associated with a VPR may not be any equal to the size, as chosen by the customer. Based on a customer oversubscribing Access Links or a VPR, (i.e., placing an amount of traffic on an Access Link(s) or a VPR that is greater than the capacity of the Access Link(s) or VPR that is subscribed to by the customer), the performance levels including packet loss, latency or jitter of the customer's network may be affected. of the VPR and the sum of all or access links on a VPR must be equal to or less than the size (i.e., capacity) of the Virtual Packet Ring. An individual SMARTRing service arrangement may have multiple Virtual Packet Rings, up to and including the capacity of the ring. (C)
- Customer requested upgrades of SMARTRing service will involve a service outage associated with Basic Shared Ethernet LAN Access Links, for which a credit for service outage shall not apply.
- Shared Node Interconnection (SNI) is available, based on equipment capability, whereby two SMARTRing service arrangements belonging to the same customer may share a node in a central office that is common to both rings. (N)

**LEGISLATIVE FORMAT**

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service  
(Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**6. Customer Channel Interface (per Node)**

	Nonrecurring	Month To	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Per DS1	\$165.00	\$45.00	\$30.00	\$25.00	\$20.00	SHNBB
(b) Per DS3	130.00	170.00	135.00	130.00	125.00	SHNZT
(c) Per STS-1	130.00	220.00	170.00	150.00	140.00	SHN13
(d) Per OC-3, 2 fiber	130.00	255.00	190.00	170.00	160.00	SHN1D
(e) Per OC-3, 4 fiber	130.00	515.00	380.00	340.00	320.00	SHN15
(f) Per OC-12, 2 fiber	345.00	745.00	515.00	475.00	440.00	SHN1F
(g) Per OC-12, 4 fiber	345.00	1,490.00	1,030.00	950.00	880.00	SHN19
(h) Per OC-48, 2 fiber	420.00	1,600.00	1,325.00	1,215.00	1,050.00	SHN1A
(i) Per OC-48, 4 fiber	420.00	3,200.00	2,650.00	2,430.00	2,100.00	SHN1B
(j) Per DS1 within an STS-1 Asymmetrical Arrangement	330.00	25.00	22.00	20.00	18.00	SHNBS
(k) Per DS3 (Asymmetrical with DS1)	360.00	550.00	450.00	400.00	350.00	SHN1T
<del>(l) Per 1000 Mbps 850 nm Multi-mode (24 STS-1)</del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>SHN1K (M)(C)</del>
<del>(m) Per 1000 Mbps 850 nm Multi-mode (24 STS-1)</del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>SHN3G (N)</del>
<del>(n) Per 1000 Mbps 1310 nm Single-mode (24 STS-1)</del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>SHN3K (C)</del>
<del>(o) Per 1000 Mbps 1310 nm Single-mode (24 STS-1)</del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>SHN3H (N)</del>
<del>(p) Per 10 Mbps</del>	<del>450.00</del>	<del>500.00</del>	<del>175.00</del>	<del>155.00</del>	<del>140.00</del>	<del>SHN1M (T)(F)</del>
<del>(qm) Per 100 Mbps (3 STS-1) Electrical</del>	<del>450.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>SHN1N (T)(F)</del>
<del>(rn) Per 100 Mbps (3 STS-1) – Optical 1310 nm Single-mode</del>	<del>450.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>SHN3N (T)(F)</del>

(M)

Material previously appearing on this page now appears on page(s) 65.2 of this section.

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**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**6. Customer Channel Interface (per Node)**

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(sq) Per Fractional 1000 Mbps							(T)
- 50 Mbps 850 nm Multi-mode - 1 STS-1	450.00	520.00	190.00	170.00	150.00	SHN10	(T)
- 50 Mbps 1310 nm Single-mode - 1 STS-1	450.00	520.00	190.00	170.00	150.00	SHN30	(T)
- 150 Mbps 850 nm Multi-mode - 3c STS-1	450.00	560.00	230.00	210.00	190.00	SHN1P	(T)
- 150 Mbps 1310 nm Single-mode - 3c STS-1	450.00	560.00	230.00	210.00	190.00	SHN3P	(T)
- 150 Mbps 850 nm Multi-mode - 3 STS-1	450.00	560.00	230.00	210.00	190.00	SHN3J	(N)
- 150 Mbps 1310 nm Single-mode - 3 STS-1	450.00	560.00	230.00	210.00	190.00	SHN3L	(N)
- 300 Mbps 850 nm Multi-mode - 6c STS-1	450.00	600.00	300.00	280.00	260.00	SHN1R	(T)
- 300 Mbps 1310 nm Single-mode - 6c STS-1	450.00	600.00	300.00	280.00	260.00	SHN3R	(T)
- 300 Mbps 850 nm Multi-mode - 6 STS-1	450.00	600.00	300.00	280.00	260.00	SHN3M	(N)
- 300 Mbps 1310 nm Single-mode - 6 STS-1	450.00	600.00	300.00	280.00	260.00	SHN3Q	(N)
- 450 Mbps 850 nm Multi-mode - 9c STS-1	450.00	640.00	340.00	310.00	290.00	SHN1U	(T)
- 450 Mbps 1310 nm Single-mode - 9c STS-1	450.00	640.00	340.00	310.00	290.00	SHN3U	(T)
- 450 Mbps 850 nm Multi-mode - 9 STS-1	450.00	640.00	340.00	310.00	290.00	SHN3T	(N)
- 450 Mbps 1310 nm Single-mode - 9 STS-1	450.00	640.00	340.00	310.00	290.00	SHN39	(N)
- 600 Mbps 850 nm Multi-mode - 12c STS-1	450.00	700.00	380.00	340.00	320.00	SHN1V	(T)
- 600 Mbps 1310 nm Single-mode - 12c STS-1	450.00	700.00	380.00	340.00	320.00	SHN3V	(T)
- 600 Mbps 850 nm Multi-mode - 12 STS-1	450.00	700.00	380.00	340.00	320.00	SHNBY	(N)
- 600 Mbps 1310 nm Single-mode - 12 STS-1	450.00	700.00	380.00	340.00	320.00	SHNBZ	(N)
- 1000 Mbps 850 nm Multi-mode - 21 STS-1	400.00	740.00	520.00	475.00	425.00	SHN1K	(M)(C)
- 1000 Mbps 1310 nm Single-mode - 21 STS-1	400.00	740.00	520.00	475.00	425.00	SHN3K	(M)(C)
- 1000 Mbps 850 nm Multi-mode - 24c STS-1	400.00	740.00	520.00	475.00	425.00	SHN3G	(M)(C)
- 1000 Mbps 1310 nm Single-mode - 24c STS-1	400.00	740.00	520.00	475.00	425.00	SHN3H	(M)(C)
(sp) Per Flex DS1	360.00	45.00	34.00	27.00	25.00	SHN1Q	(T)
(sq) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHN1J	(T)
(sr) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHN33	(T)
(ss) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHN34	(T)
(st) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 50 Mbps (1 STS-1)	850.00	520.00	190.00	170.00	150.00	SHN51	(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHN35	
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHN36	
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHN37	
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHN38	
(su) Per Fibre Connection (FICON™) (21 STS-1)	500.00	810.00	570.00	520.00	470.00	SHNBC	(T)(N)
(sv) Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	SHNBD	(T)(N)
(aw) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNBE	(T)(N)
(bx) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNBF	(T)(N)
(ey) Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	SHNBG	(T)(N)
(dz) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	SHNBH	(T)(N)
(aa) Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNBK	(T)(N)
(fab) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNBK	(T)(N)

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LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**7. Central Office Node (per Node)**

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) OC-3 capacity	\$370.00	\$1,400.00	\$990.00	\$900.00	\$810.00	SHNH3	
(b) OC-3+ capacity	370.00	2,250.00	1,845.00	1,575.00	1,350.00	SHNH5	
(c) OC-12 capacity	375.00	2,680.00	1,980.00	1,800.00	1,575.00	SHNH1	
(d) OC-48 capacity	375.00	4,860.00	4,110.00	4,050.00	3,510.00	SHNH8	
(e) OC-48+ capacity	375.00	5,490.00	4,110.00	4,050.00	3,510.00	SHNH9	
(f) OC-192 capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH7	
(g) OC-192+ capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH6	
(h) OC-3 Shared Node Interconnection	550.00	980.00	690.00	630.00	570.00	SHNHA	
(i) OC-12 Shared Node Interconnection	550.00	1,820.00	1,390.00	1,260.00	1,100.00	SHNHB	
(j) OC-48 Shared Node Interconnection	550.00	3,400.00	2,880.00	2,840.00	2,460.00	SHNHC	
(k) OC-48+ Shared Node Interconnection	550.00	3,840.00	2,880.00	2,840.00	2,460.00	SHNHD	(F)
<b>8. Central Office Channel Interface (per Central Office Node)</b>							
(a) Per DS1	125.00	40.00	35.00	30.00	25.00	SHNCB	
(b) Per DS3	185.00	115.00	85.00	80.00	75.00	SHNYT	
(c) Per STS-1	215.00	150.00	105.00	100.00	90.00	SHNO2	
(d) Per OC-3, 2 fiber	340.00	255.00	190.00	170.00	160.00	SHNCD	
(e) Per OC-3, 4 fiber	340.00	515.00	380.00	340.00	320.00	SHNO4	
(f) Per OC-12, 2 fiber	540.00	745.00	515.00	475.00	440.00	SHNCF	
(g) Per OC-12, 4 fiber	540.00	1,490.00	1,030.00	950.00	880.00	SHNC9	
(h) Per OC-48, 2 fiber	650.00	1,600.00	1,325.00	1,215.00	1,050.00	SHNCJ	
(i) Per OC-48, 4 fiber	650.00	3,200.00	2,650.00	2,430.00	2,100.00	SHNCK	
(j) Per 28 DS1 Channel System (DS3)	140.00	700.00	600.00	550.00	525.00	SHNW8	
(k) Per 28 DS1 Channel System (STS-1)	140.00	750.00	550.00	500.00	450.00	SHNCS	
(l) Per DS1 on 28 DS1 Channel System (DS3)	140.00	18.00	12.00	9.00	8.00	SHNCA	
(m) Per DS1 on 28 DS1 Channel System (STS-1)	155.00	40.00	35.00	30.00	25.00	SHNCG	
(n) Per DS1 within an STS-1 Asymmetrical Arrangement	360.00	25.00	22.00	20.00	18.00	SHNCH	
(o) Per DS3 (Asymmetrical with DS1)	400.00	550.00	450.00	400.00	350.00	SHNCT	
<del>(p) Per 1000 Mbps (21 STS-1)</del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>SHNCW</del>	(M)
<del>(q) Per 1000 Mbps (24 STS-1)</del>	<del>400.00</del>	<del>740.00</del>	<del>520.00</del>	<del>475.00</del>	<del>425.00</del>	<del>SHNDW</del>	
<del>(r) Per 10 Mbps</del>	<del>450.00</del>	<del>500.00</del>	<del>175.00</del>	<del>155.00</del>	<del>140.00</del>	<del>SHNCM</del>	(T)
<del>(s) Per 100 Mbps (3 STS-1) - Electrical</del>	<del>450.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>SHNCN</del>	(T)
<del>(t) Per 100 Mbps (3 STS-1) - Optical</del>	<del>550.00</del>	<del>540.00</del>	<del>210.00</del>	<del>190.00</del>	<del>170.00</del>	<del>SHNDU</del>	(N)

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LEGISLATIVE FORMAT

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service  
(Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

- A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)  
8. Central Office Channel Interface (per Node)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(#s) Per Fractional 1000 Mbps							(T)
- 50 Mbps - <u>1 STS-1</u>	\$450.00	\$520.00	\$190.00	\$170.00	\$150.00	SHNCO	(T)
- 150 Mbps - <u>3c STS-1</u>	450.00	560.00	230.00	210.00	190.00	SHNCP	(T)
- 150 Mbps - <u>3 STS-1</u>	450.00	560.00	230.00	210.00	190.00	SHNDV	(N)
- 300 Mbps - <u>6c STS-1</u>	450.00	600.00	300.00	280.00	260.00	SHNCR	(T)
- 300 Mbps - <u>6 STS-1</u>	450.00	600.00	300.00	280.00	260.00	SHNDX	(N)
- 450 Mbps - <u>9c STS-1</u>	450.00	640.00	340.00	310.00	290.00	SHNCU	(T)
- 450 Mbps - <u>9 STS-1</u>	450.00	640.00	340.00	310.00	290.00	SHNDY	(N)
- 600 Mbps <u>Mbps - 12c STS-1</u>	450.00	700.00	380.00	340.00	320.00	SHNCV	(T)
- 600 Mbps - <u>12 STS-1</u>	450.00	700.00	380.00	340.00	320.00	SHNDZ	(N)
- <u>1000 Mbps - 21 STS-1</u>	400.00	740.00	520.00	475.00	425.00	SHNCW	(M)(C)
- <u>1000 Mbps - 24c STS-1</u>	400.00	740.00	520.00	475.00	425.00	SHNDW	(M)(C)
(#f) Per Flex DS1	250.00	40.00	30.00	25.00	20.00	SHNCQ	(T)
(#l) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHNOJ	(T)
(#y) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHNCX	(T)
(#w) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHNC5	(T)
(#z) Per Fractional 1000 Mbps Metro Ethernet Backbone							(T)
- 50 Mbps (1 STS-1)	850.00	520.00	190.00	170.00	150.00	SHN52	(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHND5	
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHND6	
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHND7	
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHND8	
(#y) Per Fibre Connection (FICON™) (21 STS-1)	500.00	810.00	570.00	520.00	470.00	SHNDB	(T)(#)
(#az) Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	SHNDC	(T)(#)
(#baa) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNDD	(T)(#)
(#eab) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNDE	(T)(#)
(#aac) Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	SHNDF	(T)(#)
(#ead) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	SHNDG	(T)(#)
(#fae) Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNDH	(T)(#)
(#gaf) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNDJ	(T)(#)

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**LEGISLATIVE FORMAT**

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

9. Channel Interface Capacity Reallocation

(a) Per Node, Per occurrence	<b>Nonrecurring Charge</b>	<b>USOC</b>
	\$290.00	SHRBC

10. Concatenation Rearrangement Charge

(a) Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non-concatenated subsequent to the initial installation of the circuit	<b>Monthly Rate</b>	<b>Nonrecurring Charge</b>		<b>USOC</b>
	\$-	<b>Initial</b>	<b>Subsequent</b>	NRCCN
		\$-	\$500.00	

11. SMARTRing Service Rearrangement

(a) Surveillance, Per Node, per SMARTRing service	-	-	255.00	SHNRR
(b) Reconfiguration, Per STS-1 group, per Node	-	-	365.00	SHNRI

~~12. 12. Basic Shared Ethernet LAN Access Link - Customer Premises (T)(N)~~

~~(a) Customer Premises Access Links (N)~~

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>	
<del>(a1)</del> Per 10 Mbps Basic Shared Ethernet LAN Access Link - Electrical1	<del>2,050.00</del>	<del>730.00</del>	<del>250.00</del>	<del>220.00</del>	<del>200.00</del>	<del>SHN1G</del>	<del>(T)(N)</del>
<del>(b2)</del> Per 100 Mbps Basic Shared Ethernet LAN Access Link - Electrical1	<del>2,050.00</del>	<del>780.00</del>	<del>300.00</del>	<del>280.00</del>	<del>250.00</del>	<del>SHN1H</del>	<del>(T)(N)</del>
<del>(e3)</del> Per 100 Mbps Basic Shared Ethernet LAN Access Link - Optical 1310 nm Single-mode1	<del>2,050.00</del>	<del>780.00</del>	<del>300.00</del>	<del>280.00</del>	<del>250.00</del>	<del>SHN11</del>	<del>(T)(N)</del>
<del>(d4)</del> Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical1							<del>(T)(N)</del>
- 50 Mbps 850 nm Multi-mode	2,050.00	750.00	280.00	250.00	240.00	SHN1S	(N)
- 50 Mbps 1310 nm Single-mode	2,050.00	750.00	280.00	250.00	240.00	SHN3S	(N)
- 150 Mbps 850 nm Multi-mode	2,050.00	810.00	330.00	300.00	280.00	SHN1W	(N)
- 150 Mbps 1310 nm Single-mode	2,050.00	810.00	330.00	300.00	280.00	SHN3W	(N)
- 300 Mbps 850 nm Multi-mode	2,050.00	870.00	440.00	410.00	380.00	SHN1X	(N)
- 300 Mbps 1310 nm Single-mode	2,050.00	870.00	440.00	410.00	380.00	SHN3X	(N)
- 450 Mbps 850 nm Multi-mode	2,050.00	930.00	490.00	450.00	420.00	SHN1Y	(N)
- 450 Mbps 1310 nm Single-mode	2,050.00	930.00	490.00	450.00	420.00	SHN3Y	(N)
- 600 Mbps 850 nm Multi-mode	2,050.00	1,020.00	550.00	490.00	460.00	SHN1Z	(N)
- 600 Mbps 1310 nm Single-mode	2,050.00	1,020.00	550.00	490.00	460.00	SHN3Z	(N)
- 1000 Mbps 850 nm Multi-mode	2,050.00	1,120.00	650.00	590.00	560.00	SHNJA	(N)
- 1000 Mbps 1310 nm Single-mode	2,050.00	1,120.00	650.00	590.00	560.00	SHNKA	(N)

13. Virtual Packet Ring Rearrangement Charge

(a) Per service order associated with a rearrangement to increase or decrease a virtual packet ring subsequent to the initial setup of the virtual packet ring	<b>Monthly Rate</b>	<b>Nonrecurring Charge</b>		<b>USOC</b>
	-	<b>Initial</b>	<b>Subsequent</b>	SHNRP
		-	\$500.00	

**Note 1:** Basic Shared Ethernet LAN Access Link interfaces are available based on equipment capability and only at Customer Nodes. (N)

(M)

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) **and the capability of Company provided equipment**. The following table lists the channel interfaces **that are generally** available with each LightGate service System. (C)

Local Channel Systems:

Customer Channel Interfaces	Asynchronous	Synchronous				
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
DS1	Yes	Yes	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>
Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
DS3	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No
DS3 Asymmetrical with Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
STS-1	No	Yes	Yes	Yes	Yes	Yes <sup>1</sup>
OC-3	No	No	Yes	Yes	Yes	Yes
OC-12	No	No	No	No	Yes	Yes
OC-48	No	No	No	No	No	Yes
10 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
100 Mbps	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
<b>Fractional 1000 Mbps at 1000 Mbps</b>	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>
100 Mbps BellSouth Metro Ethernet Backbone	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>	Yes <sup>5</sup>	Yes <sup>5</sup>
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>

**Note 1:** Available only for systems installed on or after October 20, 2003. The maximum number of DS1 Circuits available in a system is 108.

**Note 2:** Available only for systems installed on or after April 14, 2005. The maximum number of Flex DS1 circuits available in a system is 108.

**Note 3:** Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.

**Note 4:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 5:** 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes.

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) and *the capability of Company provided equipment*. The following table lists the channel interfaces *that are generally* available with each LightGate service System. (Cont'd) (C)

Local Channel Systems: (Cont'd)

	Asynchronous		Synchronous			
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
Customer Channel Interfaces						
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>
Fibre Connection (FICON™)	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes <sup>2</sup>
Fibre Channel 100	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>
Fibre Channel 200	No	No	No	No	No	Yes <sup>2</sup>

**Note 1:** Fractional 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. Interface availability is based on equipment capability.

**Note 2:** Available only for systems that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability.

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## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) **and the capability of Company provided equipment.** The following table lists the channel interfaces **that are generally** available with each LightGate service System. (Cont'd) (C)

Local Channel Systems: (Cont'd)

	Asynchronous		Synchronous			
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
Central Office Channel Interfaces						
DS1	Yes	Yes	Yes	No	Yes <sup>1</sup>	Yes <sup>1</sup>
Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
DS3	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No
DS3 Asymmetrical with Flex DS1	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
STS-1	No	Yes	Yes	Yes	Yes	No
OC-3	No	No	Yes	Yes	Yes	Yes
OC-12	No	No	No	No	Yes	Yes
OC-48	No	No	No	No	No	Yes
28 DS1 Channel System	No	No	No	Yes	Yes	Yes <sup>1</sup>
STS-1 Channel System	No	No	No	Yes	Yes	Yes <sup>1</sup>
Fractional 1000 Mbps at 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>	Yes <sup>3</sup>
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>

**Note 1:** Available only for systems installed on or after October 20, 2003. The maximum number of DS1 Circuits available in a system is 108.

**Note 2:** Available only for systems installed on or after April 14, 2005. The maximum number of Flex DS1 circuits available in a system is 108.

**Note 3:** Fractional 1000 Mbps BellSouth Metro Ethernet Backbone, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3-STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes. Interface availability is based on equipment capability.

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.1 General (Cont'd)

- C. *Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System.* (Cont'd) (C)

Local Channel Systems:

	Asynchronous		Synchronous			
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
Central Office Channel Interfaces (Cont'd)						
OC-3 Channel System	No	No	No	Yes	Yes	Yes
OC-12 Channel System	No	No	No	No	No	Yes
OC-48 Channel System	No	No	No	No	No	Yes
10 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
100 Mbps	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
<b>Fractional 1000 Mbps at 1000 Mbps</b>	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>3</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>
100 Mbps BellSouth Metro Ethernet Backbone	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>	Yes <sup>4</sup>	Yes <sup>4</sup>
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fibre Connection (FICON™)	No	No	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes <sup>5</sup>
Fibre Channel 100	No	No	No	No	Yes <sup>5</sup>	Yes <sup>5</sup>
Fibre Channel 200	No	No	No	No	No	Yes <sup>5</sup>

**Note 1:** Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.

**Note 2:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** Available only for systems installed on or after October 20, 2003.

**Note 4:** 100 Mbps and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when LightGate service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1, utilized in conjunction with the interface. The 100 Mbps (3 STS-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes.

**Note 5:** Available only for systems that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability.

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.1 General (Cont'd)

- C. *Channel interface availability varies with system size, transport architecture (asynchronous vs. synchronous) and the capability of Company provided equipment. The following table lists the channel interfaces that are generally available with each LightGate service System.* (Cont'd) (C)

Interoffice Channel Systems:

	Asynchronous		Synchronous			
	LG1	STS-1	OC-3	OC-12	OC-48	OC-192
Central Office Channel Interfaces						
DS1	No	No	No	No	No	No
DS3	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
STS-1	No	Yes	Yes	Yes	Yes	Yes <sup>1</sup>
OC-3	No	No	Yes	Yes	Yes	Yes
OC-12	No	No	No	Yes	Yes	Yes
OC-48	No	No	No	No	Yes	Yes
28 DS1 Channel System	Yes	No	Yes	Yes	Yes	Yes <sup>1</sup>
STS-1 Channel System	No	Yes	Yes	Yes	Yes	Yes <sup>1</sup>
OC-3 Channel System	No	No	Yes	Yes	Yes	Yes
OC-12 Channel System	No	No	No	No	No	Yes
OC-48 Channel System	No	No	No	No	No	Yes
10 Mbps	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
100 Mbps	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
<b>Fractional 1000 Mbps at 1000 Mbps</b>	No	No	No	No	Yes <sup>3</sup>	Yes <sup>3</sup>
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>
Fibre Connection (FICON™)	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fibre Connection (FICON™) Express	No	No	No	No	No	Yes <sup>4</sup>
Fibre Channel 100	No	No	No	No	Yes <sup>4</sup>	Yes <sup>4</sup>
Fibre Channel 200	No	No	No	No	No	Yes <sup>4</sup>

**Note 1:** Available only for systems installed on or after October 20, 2003.

**Note 2:** Available only for OC-12, OC-48 or OC-192 systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. 10 Mbps, 100 Mbps and Fractional 1000 Mbps at 50 Mbps interfaces are available for OC-3 systems only that were installed on or after May 12, 2006. 100 Mbps interface service components are further defined regarding the number of STS-1s used to provision the interface.

**Note 3:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 4:** The interface is further defined regarding the number of STS-1s used to provision the interface.

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## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

##### A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.

##### 7. Central Office Channel Interfaces

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Per DS1	\$125.00	\$24.00	\$20.00	\$17.00	\$16.00	1PQE8	
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3	
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	500.00	390.00	365.00	350.00	1PQEG	
(d) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4	
(e) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5	
(f) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6	
(g) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE	
(h) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED	
(i) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO	
(j) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF	
(k) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO	
(l) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA	
(m) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7	
(n) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9	
(o) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12	
(p) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48	
(q) Per 10 Mbps <sup>2</sup>	450.00	500.00	175.00	155.00	140.00	1PQEH	(T)
(r) Per 100 Mbps (3 STS-1) - <i>Electrical</i> <sup>2</sup>	450.00	540.00	210.00	190.00	170.00	1PQEJ	(T)
(s) Per 100 Mbps (3 STS-1) - Optical	450.00	540.00	210.00	190.00	170.00	1PQDJ	(N)
(t) Per Fractional 1000 Mbps <sup>2</sup>							(T)
- 50 Mbps - <i>1 STS-1</i>	450.00	520.00	190.00	170.00	150.00	1PQEM	(T)
- 150 Mbps - <i>3c STS-1</i>	450.00	560.00	230.00	210.00	190.00	1PQEN	(T)
- 150 Mbps - <i>3 STS-1</i>	450.00	560.00	230.00	210.00	190.00	1PQDN	(N)
- 300 Mbps - <i>6c STS-1</i>	450.00	600.00	300.00	280.00	260.00	1PQER	(T)
- 300 Mbps - <i>6 STS-1</i>	450.00	600.00	300.00	280.00	260.00	1PQDR	(N)
- 450 Mbps - <i>9c STS-1</i>	450.00	640.00	340.00	310.00	290.00	1PQES	(T)
- 450 Mbps - <i>9 STS-1</i>	450.00	640.00	340.00	310.00	290.00	1PQDS	(N)
- 600 Mbps - <i>12c STS-1</i>	450.00	700.00	380.00	340.00	320.00	1PQET	(T)
- 600 Mbps - <i>12 STS-1</i>	450.00	700.00	380.00	340.00	320.00	1PQDT	(N)
- <i>1000 Mbps - 21 STS-1</i>	400.00	740.00	520.00	475.00	425.00	1PQEK	(C)
- <i>1000 Mbps - 24c STS-1</i>	400.00	740.00	520.00	475.00	425.00	1PQEW	(C)
(u) Per Flex DS1	130.00	24.00	20.00	17.00	16.00	1PQEQ	(T)

**Note 1:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 2:** Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

##### A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.  
(Cont'd)

##### 7. Central Office Channel Interfaces (Cont'd)

		Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(v)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	\$800.00	\$500.00	\$175.00	\$155.00	\$140.00	1PQEU	(T)
(w)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	1PQEY	(T)
(x)	Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	1PQEZ	(T)
(y)	Per Fractional 1000 Mbps Metro Ethernet Backbone							(T)
	- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	1PQD5	
	- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	1PQD6	
	- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	1PQD7	
	- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	1PQD8	
(z)	Per Fibre Connection (FICON™) (21 STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGA	(T)
(aa)	Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGB	(T)
(ab)	Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGC	(T)
(ac)	Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGD	(T)
(ad)	Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGE	(T)
(ae)	Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGF	(T)
(af)	Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGG	(T)
(ag)	Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGH	(T)

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FLORIDA  
ISSUED: October 16, 2007  
BY: Marshall M. Criser III, President -FL  
Miami, Florida

EFFECTIVE: October 31, 2007

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

##### A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.  
(Cont'd)

##### 8. Customer Channel Interfaces

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) Per DS1	\$170.00	\$24.00	\$20.00	\$17.00	\$16.00	1PQF1	(T)
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQF3	(T)
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	280.00	500.00	390.00	365.00	350.00	1PQFG	(T)
(d) Per STS-1	125.00	240.00	195.00	185.00	175.00	1PQF4	(T)
(e) Per OC-3 (2 Fiber)	125.00	240.00	190.00	175.00	160.00	1PQF5	(T)
(f) Per OC-3 (4 Fiber)	125.00	475.00	380.00	350.00	320.00	1PQF6	(T)
(g) Per OC-12 (2 Fiber)	275.00	715.00	570.00	525.00	480.00	1PQF8	(T)
(h) Per OC-12 (4 Fiber)	275.00	1,430.00	1,140.00	1,050.00	960.00	1PQF7	(T)
(i) Per OC-48 (2 Fiber)	300.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQF2	(T)
(j) Per OC-48 (4 Fiber)	300.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQFO	(T)
(k) Per 10 Mbps <sup>2</sup>	450.00	500.00	175.00	155.00	140.00	1PQFH	(T)
(l) Per 100 Mbps (3 STS-1) - <i>Electrical</i> <sup>2</sup>	450.00	540.00	210.00	190.00	170.00	1PQFJ	(T)
(m) Per 100 Mbps (3 STS-1) - 1310 nm Single-mode <sup>2</sup>	450.00	540.00	210.00	190.00	170.00	1PQ3J	(T)
(n) Per Fractional 1000 Mbps <sup>2</sup>							(T)
- 50 Mbps 850 nm Multi-mode - <i>1 STS-1</i>	450.00	520.00	190.00	170.00	150.00	1PQFM	(T)
- 50 Mbps 1310 nm Single-mode - <i>1 STS-1</i>	450.00	520.00	190.00	170.00	150.00	1PQ3M	(T)
- 150 Mbps 850 nm Multi-mode - <i>3c STS-1</i>	450.00	560.00	230.00	210.00	190.00	1PQFN	(T)
- 150 Mbps 1310 nm Single-mode - <i>3c STS-1</i>	450.00	560.00	230.00	210.00	190.00	1PQ3N	(T)
- 150 Mbps 850 nm Multi-mode - 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQJN	(N)
- 150 Mbps 1310 nm Single-mode - 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQKN	(N)
- 300 Mbps 850 nm Multi-mode - <i>6c STS-1</i>	450.00	600.00	300.00	280.00	260.00	1PQFR	(T)
- 300 Mbps 1310 nm Single-mode - <i>6c STS-1</i>	450.00	600.00	300.00	280.00	260.00	1PQ3R	(T)
- 300 Mbps 850 nm Multi-mode - 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQJR	(N)
- 300 Mbps 1310 nm Single-mode - 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQKR	(N)
- 450 Mbps 850 nm Multi-mode - <i>9c STS-1</i>	450.00	640.00	340.00	310.00	290.00	1PQFS	(T)
- 450 Mbps 1310 nm Single-mode - <i>9c STS-1</i>	450.00	640.00	340.00	310.00	290.00	1PQ3S	(T)
- 450 Mbps 850 nm Multi-mode - 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQJS	(N)
- 450 Mbps 1310 nm Single-mode - 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQKS	(N)
- 600 Mbps 850 nm Multi-mode - <i>12c STS-1</i>	450.00	700.00	380.00	340.00	320.00	1PQFT	(T)
- 600 Mbps 1310 nm Single-mode - <i>12c STS-1</i>	450.00	700.00	380.00	340.00	320.00	1PQ3T	(T)
- 600 Mbps 850 nm Multi-mode - 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQJT	(N)
- 600 Mbps 1310 nm Single-mode - 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQKT	(N)
- <i>1000 Mbps 850 nm Multi-mode - 21 STS-12</i>	400.00	740.00	520.00	475.00	425.00	1PQFK	(N)
- <i>1000 Mbps 1310 nm Single-mode - 21 STS-12</i>	400.00	740.00	520.00	475.00	425.00	1PQ3K	(N)
- <i>1000 Mbps 850 nm Multi-mode - 24c STS-12</i>	400.00	740.00	520.00	475.00	425.00	1PQFP	(N)
- <i>1000 Mbps 1310 nm Single-mode - 24c STS-12</i>	400.00	740.00	520.00	475.00	425.00	1PQ3P	(N)
(o) Per Flex DS1	260.00	24.00	20.00	17.00	16.00	1PQFQ	(T)

**Note 1:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 2:** Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** Month to month rates are only available at the end of a contract rate period.

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

##### A. LightGate service Local Channel Systems (Cont'd)

The Basic System includes photonic common equipment and first one-half air mile of local channel fiber optic facilities.  
(Cont'd)

##### 8. Customer Channel Interfaces (Cont'd)

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>	
(p) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	<b>\$800.00</b>	<b>\$500.00</b>	<b>\$175.00</b>	<b>\$155.00</b>	<b>\$140.00</b>	<b>1PQFU</b>	(T)
(q) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	<b>800.00</b>	<b>540.00</b>	<b>210.00</b>	<b>190.00</b>	<b>170.00</b>	<b>1PQFY</b>	(T)
(r) Per 1000 Mbps Metro Ethernet Backbone	<b>850.00</b>	<b>740.00</b>	<b>520.00</b>	<b>475.00</b>	<b>425.00</b>	<b>1PQFZ</b>	(T)
(s) Per Fractional 1000 Mbps Metro Ethernet Backbone							(T)
- 150 Mbps (3 STS-1)	<b>850.00</b>	<b>560.00</b>	<b>230.00</b>	<b>210.00</b>	<b>190.00</b>	<b>1PQ35</b>	
- 300 Mbps (6 STS-1)	<b>850.00</b>	<b>600.00</b>	<b>300.00</b>	<b>280.00</b>	<b>260.00</b>	<b>1PQ36</b>	
- 450 Mbps (9 STS-1)	<b>850.00</b>	<b>640.00</b>	<b>340.00</b>	<b>310.00</b>	<b>290.00</b>	<b>1PQ37</b>	
- 600 Mbps (12 STS-1)	<b>850.00</b>	<b>700.00</b>	<b>380.00</b>	<b>340.00</b>	<b>320.00</b>	<b>1PQ38</b>	
(t) Per Fibre Connection (FICON™) (21 STS-1)	<b>500.00</b>	<b>810.00</b>	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQFA</b>	(T)
(u) Per Fibre Connection (FICON™) (24c STS-1)	<b>500.00</b>	<b>810.00</b>	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQFC</b>	(T)
(v) Per Fibre Connection (FICON™) Express (48 STS-1)	<b>520.00</b>	<b>1,280.00</b>	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQFD</b>	(T)
(w) Per Fibre Connection (FICON™) Express (48c STS-1)	<b>520.00</b>	<b>1,280.00</b>	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQFE</b>	(T)
(x) Per Fibre Channel 100 (21 STS-1)	<b>500.00</b>	<b>830.00</b>	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQFF</b>	(T)
(y) Per Fibre Channel 100 (24c STS-1)	<b>500.00</b>	<b>830.00</b>	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQFW</b>	(T)
(z) Per Fibre Channel 200 (48 STS-1)	<b>520.00</b>	<b>1,360.00</b>	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQ3A</b>	(T)
(aa) Per Fibre Channel 200 (48c STS-1)	<b>520.00</b>	<b>1,360.00</b>	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQ3B</b>	(T)

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## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

**D.** Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

6. LightGate OC-192 service<sup>1</sup>

a. Per OC-192

(1) 0-8 miles

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Fixed	\$190.00	\$19,000.00	\$15,500.00	\$13,800.00	\$12,500.00	1LPS8
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE8
(2) 9-25 miles						
(a) Fixed	190.00	19,900.00	15,900.00	14,200.00	12,700.00	1LPS9
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE9
(3) Over 25 miles						
(a) Fixed	190.00	22,000.00	17,700.00	15,800.00	14,100.00	1LPS6
(b) Per Mile		600.00	500.00	450.00	400.00	1LPE6

7. Central Office Channel Interfaces

(a) Per DS1	125.00	24.00	20.00	17.00	16.00	1PQE8
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQE3
(c) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4
(d) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5
(e) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6
(f) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE
(g) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED
(h) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO
(i) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF
(j) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO
(k) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA
(l) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7
(m) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9
(n) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12
(o) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48
(p) Per 10 Mbps <sup>3</sup>	450.00	500.00	175.00	155.00	140.00	1PQEH (M)
(q) Per 100 Mbps (3-STS-1) - Electrical <sup>3</sup>	450.00	540.00	210.00	190.00	170.00	1PQEJ (T)
(r) Per 100 Mbps (3 STS-1) - Optical	450.00	540.00	210.00	190.00	170.00	1PQDJ (N)

**Note 1:** Month to month rates are only available at the end of a contract rate period.

**Note 2:** Available only for systems installed on or after October 20, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** Available only for systems installed on or after December 3, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

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Miami, Florida

## B7. DIGITAL NETWORK SERVICE

### B7.4 LightGate Service (Cont'd)

#### B7.4.5 Rates and Charges (Cont'd)

D. Interoffice Channels (Cont'd) (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)

7. Central Office Channel Interfaces (Cont'd)

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(s) Per Fractional 1000 Mbps <sup>3</sup>							(M)(T)
- 50 Mbps – <i>1 STS-1</i>	\$450.00	\$520.00	\$190.00	\$170.00	\$150.00	1PQEM	(M)(T)
- 150 Mbps – <i>3c STS-1</i>	450.00	560.00	230.00	210.00	190.00	1PQEN	(M)(T)
- 150 Mbps – <i>3 STS-1</i>	450.00	560.00	230.00	210.00	190.00	1PQDN	(N)
- 300 Mbps – <i>6c STS-1</i>	450.00	600.00	300.00	280.00	260.00	1PQER	(M)(T)
- 300 Mbps – <i>6 STS-1</i>	450.00	600.00	300.00	280.00	260.00	1PQDR	(N)
- 450 Mbps – <i>9c STS-1</i>	450.00	640.00	340.00	310.00	290.00	1PQES	(M)(T)
- 450 Mbps – <i>9 STS-1</i>	450.00	640.00	340.00	310.00	290.00	1PQDS	(N)
- 600 Mbps – <i>12c STS-1</i>	450.00	700.00	380.00	340.00	320.00	1PQET	(M)(T)
- 600 Mbps – <i>12 STS-1</i>	450.00	700.00	380.00	340.00	320.00	1PQDT	(N)
- <i>1000 Mbps – 21 STS-1</i>	400.00	740.00	520.00	475.00	425.00	1PQEK	(M)(T)
- <i>1000 Mbps – 24c STS-1</i>	400.00	740.00	520.00	475.00	425.00	1PQEW	(M)(T)
(t) Per Fibre Connection (FICON™) (21 STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGA	(T)
(u) Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	1PQGB	(T)
(v) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGC	(T)
(w) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	1PQGD	(T)
(x) Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGE	(T)
(y) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	1PQGF	(T)
(z) Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGG	(T)
(aa) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	1PQGH	(T)

Material appearing on this page previously appeared on page(s) 55 of this section.

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## B7. DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

#### B7.7.1 General (Cont'd)

##### B. (Cont'd)

SMARTRing service Channel Interfaces are available as follows: (Cont'd)

<u>Channel Interfaces</u>	<u>NODES</u>							
	<u>OC-3</u>	<u>OC-3+</u>	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>	
100 Mbps BellSouth Metro Ethernet Backbone	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
1000 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fractional 1000 Mbps at <b>50 Mbps</b> , 150 Mbps, 300 Mbps or 450 Mbps BellSouth Metro Ethernet Backbone	<i>Yes<sup>1</sup></i>	No	Yes <sup>1</sup>					
Fractional 1000 Mbps at 600 Mbps BellSouth Metro Ethernet Backbone	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	
Fibre Connection (FICON <sup>TM</sup> )	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	
Fibre Connection (FICON <sup>TM</sup> ) Express	No	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	
Fibre Channel 100	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	Yes <sup>2</sup>	
Fibre Channel 200	No	No	No	No	No	Yes <sup>2</sup>	Yes <sup>2</sup>	

**Note 1:** Fractional 1000 Mbps BellSouth Metro Ethernet Backbone, 100 Mbps BellSouth Metro Ethernet Backbone and 1000 Mbps BellSouth Metro Ethernet Backbone interfaces are for use when SMARTRing service is utilized for transport of a customer's BellSouth Metro Ethernet service. 100 Mbps BellSouth Metro Ethernet Backbone interfaces are further defined regarding the number of STS-1s, utilized in conjunction with the interface. The 100 Mbps (3-STs-1) BellSouth Metro Ethernet Backbone interface is not available for OC-3 nodes. ***The 50 Mbps (1-STs-1) BellSouth Metro Ethernet Backbone interface is the only Fractional 1000 Mbps BellSouth Metro Ethernet Backbone interface that is available for OC-3 nodes.*** Interface availability is based on equipment capability. (C)

**Note 2:** The interface is further defined regarding the number of STS-1s used to provision the interface. Interface availability is based on equipment capability.

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## B7. DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

#### B7.7.1 General (Cont'd)

- C. SMARTRing service is connectible at Company central offices to any compatible high capacity service as provided in Section B7. of this Tariff and to Broadband Exchange Line Service at compatible data rates (e.g., 1.586 Mbps) as provided in Section A40.5 of the General Subscriber Service Tariff. Rates and charges for such other services are as set forth in the applicable sections of this Tariff for such other services.
- D. The customer must provide suitable floor space, controlled environment, and source of non-switched suitable power to support this service.
- E. Where the customer provides two separate entrance facility cable routes for SMARTRing service, the primary and alternate entrance facilities will be separate and will enter the customer node over such different routes. When the customer requests a connection at a Customer Node via two Local Channels and Telephone Company facilities do not exist for the second Local Channel, the Telephone Company may provide an equivalent second Local Channel via an existing alternate route. When facilities become available for the second Local Channel, the Telephone Company may rearrange the alternate route at any time.
- F. The compatibility requirements, technical specifications, and generic requirements for SMARTRing service terminated at the customer's designated locations are referenced in Technical Reference ANSI T1.404-1989, and ANSI T1.403-1989.
- G. DS3 interface combinations and technical specifications are referenced in Bellcore TR-INS-000342.
- H. DS1 interface combinations and technical specifications are referenced in Bellcore TR-NPL-000054.
- I. SMARTRing service DS3 high capacity service channels have a performance objective of 99.5 percent error-free seconds over a continuous twenty-four hour period. Self-healing multi-nodal DS1 high capacity service channels have a performance objective of 99.95 percent error-free seconds over a continuous twenty-four hour period.
- J. SMARTRing service OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ capacity installed on or after June 3, 1994, is also available with FlexServ service Customer Network Management (CNM) under the rates and regulations set forth following. FlexServ service CNM is available with two options: (1) Surveillance or (2) Reconfiguration. Customers wishing to incorporate either of these capabilities into their SMARTRing service should advise the Telephone Company at the time the initial service is requested. When the customer requests to add either FlexServ service option subsequent to the initial service installation, a SMARTRing service Rearrangement charge applies as set forth in 7.5.14 following. Customers who desire to only monitor their rings may order only Surveillance. However, customers who order Reconfiguration must already be subscribing to Surveillance or be ordering Surveillance coincident with Reconfiguration. Reconfiguration may not be ordered without Surveillance.

Reconfiguration is provided on a per STS-1 basis. Within each STS-1 group, all activated interfaces must be optioned the same (either all Surveillance only or all Surveillance and Reconfiguration). Customers who wish to utilize this service to reconfigure DS1 interfaces must purchase the FlexServ service Reconfiguration option for all DS1 interfaces associated with the STS-1 group with which the customer desires to have equipped with FlexServ service capability.

When the customer orders Reconfiguration, the customer must order a sufficient quantity of SMARTRing service channel interfaces at every Customer Node and Central Office Node where reconfiguration capability is desired.

Reconfiguration is not available with 100 Mbps and 1000 Mbps Metro Ethernet Backbone interfaces.

- K. SMARTRing service ordered and installed after May 4, 2006, is available with an optional feature and function capability in which a customer may utilize all or part of his SMARTRing service to establish an adjunct virtual packet ring. A virtual packet ring is separate and apart from the SONET capabilities associated with high capacity channel transport via DS1 through OC-48 interfaces. A virtual packet ring provides the capability for a customer to transport Ethernet LAN traffic utilizing Basic Shared Ethernet LAN Access Links that have best effort service capabilities in which the throughput associated with a virtual packet ring are controlled/affected by the customer's traffic and network configuration. *Since this is a Best-Effort service, the Telephone Company does not guarantee any performance levels including packet loss, latency or jitter of the customer's network if the customer chooses to oversubscribe his network.* (C)

SMARTRing service Basic Shared Ethernet LAN Access Links are available based on equipment capability and a customer's requested service configuration. Upon a customer request for Basic Shared Ethernet LAN Access Links, equipment capability associated with the requested configuration shall be determined. Upon successful determination of the functionality of the customer's requested arrangement, the requested service shall be made available.

Basic Shared Ethernet LAN Access Links are further defined per TR 73582. Basic Shared Ethernet LAN Access Links are available only at Customer Nodes.

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.1 General (Cont'd)**

**K. (Cont'd)**

10 Mbps Basic Shared Ethernet LAN, 100 Mbps Basic Shared Ethernet LAN and/or Fractional 1000 Mbps Basic Shared Ethernet LAN Customer Channel Interfaces provide multipoint functionality, i.e., Ethernet frames are delivered to two or more locations on a customer's SMARTRing service on a best effort basis. This is a multipoint connection with a bandwidth defined by a Virtual Packet Ring. A Virtual Packet Ring Connection is the medium by which two or more locations exchange Ethernet frames. The bandwidth of the Virtual Packet Ring Connection is determined by the number of STS1's reserved for the Virtual Packet Ring Connection. In order for a customer to access the Virtual Packet Ring, SMARTRing service Customer Nodes must have a 10 Mbps Basic Shared Ethernet LAN, 100 Mbps Basic Shared Ethernet LAN and/or Fractional 1000 Mbps Basic Shared Ethernet LAN interface.

SMARTRing service Basic Shared Ethernet LAN Access Links are available as follows:

Access Links	<u>CUSTOMER NODES</u>							
	OC-3	OC-3+	OC-12	OC-48	OC-48+	OC-192	OC-192+	
10 Mbps Basic Shared Ethernet LAN Access Link - Electrical	No	No	Yes <sup>1</sup>	(C)				
100 Mbps Basic Shared Ethernet LAN Access Link - Electrical	No	No	Yes <sup>1</sup>					
100 Mbps Basic Shared Ethernet LAN Access Link - Optical	No	No	Yes <sup>1</sup>					
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link – Optical at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes <sup>1</sup>					
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link – Optical at 600 Mbps or 1000 Mbps	No	No	No	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes <sup>1</sup>	(C)

A connection to a Basic Shared Ethernet Access Link at a Central Office Node on a ring may be made utilizing a comparable Fractional 1000 Mbps Central Office Channel Interface. (N)

The Virtual Packet Ring sizes available for the various SMARTRing service rings capacities and the Basic Shared Ethernet Access Links available on a Virtual Packet Ring are as follows:

SMARTRing Service Ring Capacity	<u>VIRTUAL PACKET RING SIZE (MBPS)</u>						
	50	150	300	450	600	1000	
OC-3	Yes	No	No	No	No	No	(N)
OC-12	Yes	Yes	Yes	Yes	No	No	
OC-48 or OC-48+	Yes	Yes	Yes	Yes	Yes	Yes	
OC-192 or OC-192+	Yes	Yes	Yes	Yes	Yes	Yes	

Basic Shared Ethernet Channel Interfaces	<u>VIRTUAL PACKET RING SIZE (MBPS)</u>						
	50	150	300	450	600	1000	
10 Mbps Basic Shared Ethernet LAN Access Link - Electrical	Yes	Yes	Yes	Yes	Yes	Yes	
100 Mbps Basic Shared Ethernet LAN Access Link - Electrical	Yes	Yes	Yes	Yes	Yes	Yes	(C)
100 Mbps Basic Shared Ethernet LAN Access Link - Optical	Yes	Yes	Yes	Yes	Yes	Yes	(C)
Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link :							(C)
– Optical at 50 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
– Optical at 150 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
– Optical at 300 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
– Optical at 450 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
– Optical at 600 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(C)
– Optical at 1000 Mbps	Yes	Yes	Yes	Yes	Yes	Yes	(N)

**Note 1:** Available for rings installed on or after May 12, 2006.

## B7. DIGITAL NETWORK SERVICE

### B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)

#### B7.7.3 Architecture (Cont'd)

##### A. SMARTRing Service (Cont'd)

- Internodal Channel (one for each path between two directly connected Customer Nodes), provides for the communications path between two directly connected Customer Nodes located (a) in the same Serving Wire Center area or (b) in the same Office Park/Campus Environment or contiguous property, located in contiguous Serving Wire Center areas.
- Channel Interface Capacity Reallocation (one per node per occurrence), allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces. For example, a customer may initially allocate, activated or spare, eighty-four DS1s at each node on the ring and may subsequently request Channel Interface Capacity Reallocation to drop one DS3 and fifty-six DS1s at each node, or other combination of DS3s and/or DS1s equivalent to an OC-3 network capacity.
- SMARTRing service OC-3, OC-12, or OC-48 channel interfaces are associated with optical circuits within a SMARTRing service arrangement. These optical circuits may be provisioned as concatenated. When an optical circuit is provisioned as concatenated, the multiple STS-1s within the optical circuit are provided as a single entity with a single overhead channel.
- SMARTRing service interfaces may be ordered as asymmetrical (i.e., a circuit enters one node at a lower level interface and exits at another node at a higher level interface). For example, a customer may have a service that connects to a ring via an OC-3 interface at a node. That service is then transported around the ring and connects via an OC-12 interface to another of the customer's services. The allowable asymmetrical interface arrangements for the various ring sizes are as shown in Technical Reference TR-73582.
- When the distance between nodes on a SMARTRing service (a.k.a. BellSouth SPA Dedicated Ring) is such that optical signal regeneration is required, then regeneration equipment will be provided at no additional charge to the customer to assure proper operation of the service. In some cases regeneration will be provided via SONET Add/Drop equipment called a Regeneration Node. A Regeneration Node does not contain the capability to add or drop services. Accordingly, FlexServ service Customer Network Management may not be ordered with a Regeneration Node, however, a customer may monitor a Regeneration Node via the FlexServ service Customer Network Management Surveillance option when a customer has established surveillance for a ring. Regeneration Node Surveillance is provided as a part of the charges associated with the customer's ring level FlexServ service Customer Network Management Surveillance. A Regeneration Node and Regeneration Node Surveillance, as applicable, will appear on a customer's records as a non-rated USOC, as follows:

Regeneration Node, all ring capacities, non-rated

SHNRD

Regeneration Node Surveillance, all ring capacities, non-rated

SHNRS

- SMARTRing service Virtual Packet Rings may be established to work with either electrical or optical Basic Shared Ethernet LAN Access Links. A Virtual Packet Ring established associated with electrical access links will only work with electrical Basic Shared Ethernet LAN Access Links and a Virtual Packet Ring established associated with optical access links will only work with optical Basic Shared Ethernet LAN Access Links. Electrical and optical access links may not be mixed on the same Virtual Packet Ring.
- **Individual** Basic Shared Ethernet LAN Access **Links** associated with a VPR may be **any size, as chosen by the customer. Based on a customer oversubscribing Access Links or a VPR, (i.e., placing an amount of traffic on an Access Link(s) or a VPR that is greater than the capacity of the Access Link(s) or VPR that is subscribed to by the customer), the performance levels including packet loss, latency or jitter of the customer's network may be affected.** An individual SMARTRing service arrangement may have multiple Virtual Packet Rings, up to and including the capacity of the ring. (C)
- Customer requested upgrades of SMARTRing service will involve a service outage associated with Basic Shared Ethernet LAN Access Links, for which a credit for service outage shall not apply.
- Shared Node Interconnection (SNI) is available, based on equipment capability, whereby two SMARTRing service arrangements belonging to the same customer may share a node in a central office that is common to both rings.

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service  
 (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**6. Customer Channel Interface (per Node)**

	<b>Nonrecurring Charge</b>	<b>Month To Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>	
(a) Per DS1	\$165.00	\$45.00	\$30.00	\$25.00	\$20.00	SHNBB	
(b) Per DS3	130.00	170.00	135.00	130.00	125.00	SHNZT	
(c) Per STS-1	130.00	220.00	170.00	150.00	140.00	SHN13	
(d) Per OC-3, 2 fiber	130.00	255.00	190.00	170.00	160.00	SHN1D	
(e) Per OC-3, 4 fiber	130.00	515.00	380.00	340.00	320.00	SHN15	
(f) Per OC-12, 2 fiber	345.00	745.00	515.00	475.00	440.00	SHN1F	
(g) Per OC-12, 4 fiber	345.00	1,490.00	1,030.00	950.00	880.00	SHN19	
(h) Per OC-48, 2 fiber	420.00	1,600.00	1,325.00	1,215.00	1,050.00	SHN1A	
(i) Per OC-48, 4 fiber	420.00	3,200.00	2,650.00	2,430.00	2,100.00	SHN1B	
(j) Per DS1 within an STS-1 Asymmetrical Arrangement	330.00	25.00	22.00	20.00	18.00	SHNBS	
(k) Per DS3 (Asymmetrical with DS1)	360.00	550.00	450.00	400.00	350.00	SHN1T	(M)
(l) Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHN1M	(T)
(m) Per 100 Mbps (3 STS-1) <i>Electrical</i>	450.00	540.00	210.00	190.00	170.00	SHN1N	(T)
(n) Per 100 Mbps (3 STS-1) – Optical 1310 nm Single-mode	450.00	540.00	210.00	190.00	170.00	SHN3N	(T)

Material previously appearing on this page now appears on page(s) 65.2 of this section.

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**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**6. Customer Channel Interface (per Node)**

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(o) Per Fractional 1000 Mbps							(T)
- 50 Mbps 850 nm Multi-mode – 1 STS-1	\$450.00	\$520.00	\$190.00	\$170.00	\$150.00	SHN1O	(T)
- 50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	520.00	190.00	170.00	150.00	SHN3O	(T)
- 150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	560.00	230.00	210.00	190.00	SHN1P	(T)
- 150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	560.00	230.00	210.00	190.00	SHN3P	(T)
- 150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	560.00	230.00	210.00	190.00	SHN3J	(N)
- 150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	560.00	230.00	210.00	190.00	SHN3L	(N)
- 300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	600.00	300.00	280.00	260.00	SHN1R	(T)
- 300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	600.00	300.00	280.00	260.00	SHN3R	(T)
- 300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	600.00	300.00	280.00	260.00	SHN3M	(N)
- 300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	600.00	300.00	280.00	260.00	SHN3Q	(N)
- 450 Mbps 850 nm Multi-mode – 9c STS-1	450.00	640.00	340.00	310.00	290.00	SHN1U	(T)
- 450 Mbps 1310 nm Single-mode – 9c STS-1	450.00	640.00	340.00	310.00	290.00	SHN3U	(T)
- 450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	640.00	340.00	310.00	290.00	SHN3T	(N)
- 450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	640.00	340.00	310.00	290.00	SHN39	(N)
- 600 Mbps 850 nm Multi-mode – 12c STS-1	450.00	700.00	380.00	340.00	320.00	SHN1V	(T)
- 600 Mbps 1310 nm Single-mode – 12c STS-1	450.00	700.00	380.00	340.00	320.00	SHN3V	(T)
- 600 Mbps 850 nm Multi-mode – 12 STS-1	450.00	700.00	380.00	340.00	320.00	SHNBY	(N)
- 600 Mbps 1310 nm Single-mode – 12 STS-1	450.00	700.00	380.00	340.00	320.00	SHNBZ	(N)
- 1000 Mbps 850 nm Multi-mode – 21 STS-1	400.00	740.00	520.00	475.00	425.00	SHN1K	(M)(C)
- 1000 Mbps 1310 nm Single-mode – 21 STS-1	400.00	740.00	520.00	475.00	425.00	SHN3K	(M)(C)
- 1000 Mbps 850 nm Multi-mode – 24c STS-1	400.00	740.00	520.00	475.00	425.00	SHN3G	(M)(C)
- 1000 Mbps 1310 nm Single-mode – 24c STS-1	400.00	740.00	520.00	475.00	425.00	SHN3H	(M)(C)
(p) Per Flex DS1	360.00	45.00	34.00	27.00	25.00	SHN1Q	(T)
(q) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHN1J	(T)
(r) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHN33	(T)
(s) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHN34	(T)
(t) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 50 Mbps (1 STS-1)	850.00	520.00	190.00	170.00	150.00	SHN51	(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHN35	
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHN36	
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHN37	
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHN38	
(u) Per Fibre Connection (FICON™) (21 STS-1)	500.00	810.00	570.00	520.00	470.00	SHNBC	(T)
(v) Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	SHNBD	(T)
(w) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNBE	(T)
(x) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNBF	(T)
(y) Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	SHNBG	(T)
(z) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	SHNBH	(T)
(aa) Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNBJ	(T)
(ab) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNBK	(T)

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FLORIDA

ISSUED: October 16, 2007

EFFECTIVE: October 31, 2007

BY: Marshall M. Criser III, President -FL  
Miami, Florida

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**7. Central Office Node (per Node)**

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(a) OC-3 capacity	\$370.00	\$1,400.00	\$990.00	\$900.00	\$810.00	SHNH3	
(b) OC-3+ capacity	370.00	2,250.00	1,845.00	1,575.00	1,350.00	SHNH5	
(c) OC-12 capacity	375.00	2,680.00	1,980.00	1,800.00	1,575.00	SHNH1	
(d) OC-48 capacity	375.00	4,860.00	4,110.00	4,050.00	3,510.00	SHNH8	
(e) OC-48+ capacity	375.00	5,490.00	4,110.00	4,050.00	3,510.00	SHNH9	
(f) OC-192 capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH7	
(g) OC-192+ capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNH6	
(h) OC-3 Shared Node Interconnection	550.00	980.00	690.00	630.00	570.00	SHNHA	
(i) OC-12 Shared Node Interconnection	550.00	1,820.00	1,390.00	1,260.00	1,100.00	SHNHB	
(j) OC-48 Shared Node Interconnection	550.00	3,400.00	2,880.00	2,840.00	2,460.00	SHNHC	
(k) OC-48+ Shared Node Interconnection	550.00	3,840.00	2,880.00	2,840.00	2,460.00	SHNHD	
<b>8. Central Office Channel Interface (per Central Office Node)</b>							
(a) Per DS1	125.00	40.00	35.00	30.00	25.00	SHNCB	
(b) Per DS3	185.00	115.00	85.00	80.00	75.00	SHNYT	
(c) Per STS-1	215.00	150.00	105.00	100.00	90.00	SHNO2	
(d) Per OC-3, 2 fiber	340.00	255.00	190.00	170.00	160.00	SHNCD	
(e) Per OC-3, 4 fiber	340.00	515.00	380.00	340.00	320.00	SHNO4	
(f) Per OC-12, 2 fiber	540.00	745.00	515.00	475.00	440.00	SHNCF	
(g) Per OC-12, 4 fiber	540.00	1,490.00	1,030.00	950.00	880.00	SHNC9	
(h) Per OC-48, 2 fiber	650.00	1,600.00	1,325.00	1,215.00	1,050.00	SHNCJ	
(i) Per OC-48, 4 fiber	650.00	3,200.00	2,650.00	2,430.00	2,100.00	SHNCK	
(j) Per 28 DS1 Channel System (DS3)	140.00	700.00	600.00	550.00	525.00	SHNW8	
(k) Per 28 DS1 Channel System (STS-1)	140.00	750.00	550.00	500.00	450.00	SHNCS	
(l) Per DS1 on 28 DS1 Channel System (DS3)	140.00	18.00	12.00	9.00	8.00	SHNCA	
(m) Per DS1 on 28 DS1 Channel System (STS-1)	155.00	40.00	35.00	30.00	25.00	SHNCG	
(n) Per DS1 within an STS-1 Asymmetrical Arrangement	360.00	25.00	22.00	20.00	18.00	SHNCH	
(o) Per DS3 (Asymmetrical with DS1)	400.00	550.00	450.00	400.00	350.00	SHNCT	(M)
(p) Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHNCM	(T)
(q) Per 100 Mbps (3 STS-1) - <i>Electrical</i>	450.00	540.00	210.00	190.00	170.00	SHNCN	(T)
(r) Per 100 Mbps (3 STS-1) - <i>Optical</i>	550.00	540.00	210.00	190.00	170.00	SHNDU	(N)

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FLORIDA  
ISSUED: October 16, 2007  
BY: Marshall M. Criser III, President -FL  
Miami, Florida

EFFECTIVE: October 31, 2007

**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service  
(Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

**8. Central Office Channel Interface (per Node)**

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
(s) Per Fractional 1000 Mbps							(T)
- 50 Mbps – <i>1 STS-1</i>	\$450.00	\$520.00	\$190.00	\$170.00	\$150.00	SHNCO	(T)
- 150 Mbps – <i>3c STS-1</i>	450.00	560.00	230.00	210.00	190.00	SHNCP	(T)
- 150 Mbps – <i>3 STS-1</i>	450.00	560.00	230.00	210.00	190.00	SHNDV	(N)
- 300 Mbps – <i>6c STS-1</i>	450.00	600.00	300.00	280.00	260.00	SHNCR	(T)
- 300 Mbps – <i>6 STS-1</i>	450.00	600.00	300.00	280.00	260.00	SHNDX	(N)
- 450 Mbps – <i>9c STS-1</i>	450.00	640.00	340.00	310.00	290.00	SHNCU	(T)
- 450 Mbps – <i>9 STS-1</i>	450.00	640.00	340.00	310.00	290.00	SHNDY	(N)
- 600 Mbps – <i>12c STS-1</i>	450.00	700.00	380.00	340.00	320.00	SHNCV	(T)
- 600 Mbps – <i>12 STS-1</i>	450.00	700.00	380.00	340.00	320.00	SHNDZ	(N)
- <i>1000 Mbps – 21 STS-1</i>	400.00	740.00	520.00	475.00	425.00	SHNCW	(M)(C)
- <i>1000 Mbps – 24c STS-1</i>	400.00	740.00	520.00	475.00	425.00	SHNDW	(M)(C)
(t) Per Flex DS1	250.00	40.00	30.00	25.00	20.00	SHNCQ	(T)
(u) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	500.00	175.00	155.00	140.00	SHNOJ	(T)
(v) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	540.00	210.00	190.00	170.00	SHNCX	(T)
(w) Per 1000 Mbps Metro Ethernet Backbone	850.00	740.00	520.00	475.00	425.00	SHNC5	(T)
(x) Per Fractional 1000 Mbps Metro Ethernet Backbone							(T)
- 50 Mbps (1 STS-1)	850.00	520.00	190.00	170.00	150.00	SHN52	(N)
- 150 Mbps (3 STS-1)	850.00	560.00	230.00	210.00	190.00	SHND5	
- 300 Mbps (6 STS-1)	850.00	600.00	300.00	280.00	260.00	SHND6	
- 450 Mbps (9 STS-1)	850.00	640.00	340.00	310.00	290.00	SHND7	
- 600 Mbps (12 STS-1)	850.00	700.00	380.00	340.00	320.00	SHND8	
(y) Per Fibre Connection (FICON™) (21 STS-1)	500.00	810.00	570.00	520.00	470.00	SHNDB	(T)
(z) Per Fibre Connection (FICON™) (24c STS-1)	500.00	810.00	570.00	520.00	470.00	SHNDC	(T)
(aa) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNDD	(T)
(ab) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,280.00	1,060.00	970.00	840.00	SHNDE	(T)
(ac) Per Fibre Channel 100 (21 STS-1)	500.00	830.00	580.00	530.00	480.00	SHNDF	(T)
(ad) Per Fibre Channel 100 (24c STS-1)	500.00	830.00	580.00	530.00	480.00	SHNDG	(T)
(ae) Per Fibre Channel 200 (48 STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNDH	(T)
(af) Per Fibre Channel 200 (48c STS-1)	520.00	1,360.00	1,130.00	1,030.00	890.00	SHNDJ	(T)

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**B7. DIGITAL NETWORK SERVICE**

**B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd)**

**B7.7.4 Rates and Charges (Cont'd)**

**A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd)**

9. Channel Interface Capacity Reallocation

(a) Per Node, Per occurrence	<b>Nonrecurring Charge</b>	<b>USOC</b>
	\$290.00	SHRBC

10. Concatenation Rearrangement Charge

(a) Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non-concatenated subsequent to the initial installation of the circuit	<b>Monthly Rate</b>	<b>Nonrecurring Charge</b>		<b>USOC</b>
	\$-	<b>Initial</b>	<b>Subsequent</b>	<b>NRCCN</b>
		\$-	\$500.00	

11. SMARTRing Service Rearrangement

(a) Surveillance, Per Node, per SMARTRing service	-	-	255.00	SHNRR
(b) Reconfiguration, Per STS-1 group, per Node	-	-	365.00	SHNRI

12. Basic Shared Ethernet LAN Access Link

(a) Customer Premises Access Links

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>24 to 48 Months</b>	<b>49 to 72 Months</b>	<b>73 to 96 Months</b>	<b>USOC</b>	
(1) Per 10 Mbps Basic Shared Ethernet LAN Access Link - Electrical1	\$2,050.00	\$730.00	\$250.00	\$220.00	\$200.00	SHN1G	(T)
(2) Per 100 Mbps Basic Shared Ethernet LAN Access Link - Electrical1	2,050.00	780.00	300.00	280.00	250.00	SHN1H	(T)
(3) Per 100 Mbps Basic Shared Ethernet LAN Access Link – Optical 1310 nm Single-mode1	2,050.00	780.00	300.00	280.00	250.00	SHN1I	(T)
(4) Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical1							(T)
- 50 Mbps 850 nm Multi-mode	2,050.00	750.00	280.00	250.00	240.00	SHN1S	
- 50 Mbps 1310 nm Single-mode	2,050.00	750.00	280.00	250.00	240.00	SHN3S	
- 150 Mbps 850 nm Multi-mode	2,050.00	810.00	330.00	300.00	280.00	SHN1W	
- 150 Mbps 1310 nm Single-mode	2,050.00	810.00	330.00	300.00	280.00	SHN3W	
- 300 Mbps 850 nm Multi-mode	2,050.00	870.00	440.00	410.00	380.00	SHN1X	
- 300 Mbps 1310 nm Single-mode	2,050.00	870.00	440.00	410.00	380.00	SHN3X	
- 450 Mbps 850 nm Multi-mode	2,050.00	930.00	490.00	450.00	420.00	SHN1Y	
- 450 Mbps 1310 nm Single-mode	2,050.00	930.00	490.00	450.00	420.00	SHN3Y	
- 600 Mbps 850 nm Multi-mode	2,050.00	1,020.00	550.00	490.00	460.00	SHN1Z	
- 600 Mbps 1310 nm Single-mode	2,050.00	1,020.00	550.00	490.00	460.00	SHN3Z	
- 1000 Mbps 850 nm Multi-mode	2,050.00	1,120.00	650.00	590.00	560.00	SHNJA	(N)
- 1000 Mbps 1310 nm Single-mode	2,050.00	1,120.00	650.00	590.00	560.00	SHNKA	(N)

13. Virtual Packet Ring Rearrangement Charge

(a) Per service order associated with a rearrangement to increase or decrease a virtual packet ring subsequent to the initial setup of the virtual packet ring	<b>Monthly Rate</b>	<b>Nonrecurring Charge</b>		<b>USOC</b>
	-	<b>Initial</b>	<b>Subsequent</b>	<b>SHNRP</b>
		-	\$500.00	

**Note 1:** Basic Shared Ethernet LAN Access Link interfaces are available based on equipment capability and only at Customer Nodes.