

BELLSOUTH

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November 18, 2004

Ms. Beth Salak, Director
Division of Competitive Markets & Enforcement
Florida Public Service Commission
Attn: Tariff Section
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

Dear Ms. Salak:

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

Private Line Services Tariff
See attached list.

The purpose of this filing is to introduce new interface 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.

Your consideration and approval will be appreciated.

Yours very truly,

Marshall M. Marshall M. Criser III (slg)

Regulatory Vice President

Attachments

PRIVATE LINE SERVICES TARIFF

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EXECUTIVE SUMMARY

Introduction

This tariff filing introduces new LightGate® Service and SMARTRing® Service interface arrangements in the Private Line Services Tariff. This filing also proposes to reduce certain existing LightGate® Service rate elements.

LightGate® Service and SMARTRing® Service customers have a need for enhanced interface capabilities to meet their ever-increasing communication requirements. Approval of this filing will allow BellSouth to meet customer needs for such improved capabilities.

Service Description

LightGate® Service and SMARTRing® Service presently provide a varied range of high capacity interface capabilities arrangements.

LightGate® Service in the Private Line Services Tariff presently provides customers with interface capabilities from the DS1 level up through the OC-48 level. This filing proposes to add new 10 Mbps, 100 Mbps and Fractional 1000 Mbps interface arrangements.

SMARTRing® Service in the Private Line Services Tariff presently provides customers with interface capabilities from the DS1 level up through the OC-48 level. This filing proposes to add new 10 Mbps, 100 Mbps, Fractional 1000 Mbps and Flex DS1 interface arrangements.

The introduction of these new service capabilities for LightGate® Service and SMARTRing® Service will serve to meet customer's needs for new interfaces that enhance network connectivity.

Revenue Impact

The filing reduces the revenue for the Transport Non-Basic basket services that are being reduced by .0045%.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate[®] Service (T)

B7.4.1 General

A. LightGate[®] service is an intraLATA fiber optic based, digital service which provides channelization capability for the customer in packages based on systems consisting of DS3, DS1, STS-1, OC-3, OC-12, OC-48 and OC-192 channels. It will provide local channels and/or interoffice channels in the following system sizes: (T)

- Asynchronous – LightGate[®] 1 (T)
- Synchronous - STS-1, OC-3, OC-12, OC-48 and OC-192 LightGate[®] service (T)

Asynchronous systems are capable of transporting DS1 and DS3 channels. Synchronous systems are capable of transporting all channels. The capacity of each LightGate service System is shown in the following table: (T)

LightGate [®] System	DS1	DS3	STS-1	OC-3	OC-12	OC-48
LightGate [®] 1	28	1				
LightGate [®] STS-1	28		1			
LightGate [®] OC-3	84	3	3	1		
LightGate [®] OC-12	336	12	12	4	1	
LightGate [®] OC-48	1344	48	48	16	4	1
LightGate [®] OC-192	5376	192	192	64	16	4

B. Channelization is provided by LightGate[®] service Systems which furnish fiber optic transport from the central office to a customer's premises. Channel interfaces are offered to provide individual DS1, DS3, STS-1, OC-3, OC-12, OC-48, 10 Mbps, 100 Mbps, Fractional 1000 Mbps and 1000 Mbps channels. The customer may channelize all or part of a LightGate[®] service package to activate data facilities for interconnection with the exchange network, voice grade and data facilities for private line channels, as well as other LightGate[®] services. The customer may also choose not to channelize all or part of a LightGate service package allowing direct connection to other LightGate[®] services, DS3 or DS1 services as provided in this Tariff or the General Subscriber Service Tariff. (OC-12, OC-48 and OC-192 LightGate[®] service local channel systems and OC-192 interoffice channel systems are only available as channelized.) (C)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate[®] Service (Cont'd)

(T)

B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). The following table lists the channel interfaces available with each LightGate[®] service System. (T)

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 ¹	Yes ¹	
DS3	Yes	No	Yes	Yes	Yes	Yes ¹	
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	
STS-1	No	Yes	Yes	Yes	Yes	Yes ¹	
OC-3	No	No	Yes	Yes	Yes	Yes	
OC-12	No	No	No	No	Yes	Yes	
OC-48	No	No	No	No	No	Yes	
<u>10 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
<u>100 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
1000 Mbps	No	No	No	No	Yes ³	Yes ³	(T)
<u>Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
<u>Fractional 1000 Mbps at 600 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
Central Office Channel Interfaces							
DS1	Yes	Yes	Yes	No	Yes ¹	Yes ¹	
DS3	Yes	No	Yes	Yes	Yes	Yes ¹	
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	
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 ¹	
STS-1 Channel System	No	No	No	Yes	Yes	Yes ¹	
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	
<u>10 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes¹</u>	<u>Yes¹</u>	<u>Yes¹</u>	(N)
<u>100 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes¹</u>	<u>Yes¹</u>	<u>Yes¹</u>	(N)
1000 Mbps	No	No	No	No	Yes ³	Yes ³	(T)
<u>Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes¹</u>	<u>Yes¹</u>	<u>Yes¹</u>	(N)
<u>Fractional 1000 Mbps at 600 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes¹</u>	<u>Yes¹</u>	(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 96.

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. (N)

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. (T)

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Miami, Florida

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate[®] Service (Cont'd)

(T)

B7.4.1 General (Cont'd)

C. (Cont'd)

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 ¹	
STS-1	No	Yes	Yes	Yes	Yes	Yes ¹	
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 ¹	
STS-1 Channel System	No	Yes	Yes	Yes	Yes	Yes ¹	
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	
<u>10 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
<u>100 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
1000 Mbps	No	No	No	No	Yes ³	Yes ³	(T)
<u>Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	<u>Yes²</u>	(N)
<u>Fractional 1000 Mbps at 600 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes²</u>	<u>Yes²</u>	(N)

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

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. (N)

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. (T)

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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 on OC-3 Local Channel System)	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 1000 Mbps ¹	400.00	740.00	520.00	475.00	425.00	1PQEK
(r) Per 10 Mbps ³	450.00	500.00	175.00	155.00	140.00	1PQEH (N)
(s) Per 100 Mbps ²	450.00	540.00	210.00	190.00	170.00	1PQEJ (N)
(t) Per Fractional 1000 Mbps ²						(N)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM (N)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN (N)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER (N)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES (N)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET (N)

8. Customer Channel Interfaces

(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 on OC-3 Local Channel System)	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
(k) Per 1000 Mbps⁴	400.00	740.00	520.00	475.00	425.00	1PQFK

B. LightGate service Local Channel Mileage³

1. Mileage for all LightGate service Local Channel Systems

Material previously appearing on this page now appears on page(s) 52.1 of this section.

(a) First one half mile (included in system charge)							NA
(b) Each additional one half mile	NA	225.00	190.00	170.00	150.00		HLPEA

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. (N)

Note 2: ~~Month to month rates are only available at the end of a contract rate period.~~ (M)

Material previously appearing on this page now appears on page(s) 52.1 of this section.

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Miami, Florida

B7. DIGITAL NETWORK SERVICE (N)

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

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

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

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

8. Customer Channel Interfaces (M)

	<u>Nonrecurring Charge</u>	<u>Month to Month</u>	<u>24 to 48 Months</u>	<u>49 to 72 Months</u>	<u>73 to 96 Months</u>	<u>USOC</u>	
(a) Per DS1	<u>\$170.00</u>	<u>\$24.00</u>	<u>\$20.00</u>	<u>\$17.00</u>	<u>\$16.00</u>	<u>1PQF1</u>	(M)(T)
(b) Per DS3	<u>125.00</u>	<u>115.00</u>	<u>95.00</u>	<u>90.00</u>	<u>85.00</u>	<u>1PQF3</u>	(M)
(c) Per DS3 (Asymmetrical with DS1 on OC-3 Local Channel System)	<u>280.00</u>	<u>500.00</u>	<u>390.00</u>	<u>365.00</u>	<u>350.00</u>	<u>1PQFG</u>	(M)
(d) Per STS-1	<u>125.00</u>	<u>240.00</u>	<u>195.00</u>	<u>185.00</u>	<u>175.00</u>	<u>1PQF4</u>	(M)
(e) Per OC-3 (2 Fiber)	<u>125.00</u>	<u>240.00</u>	<u>190.00</u>	<u>175.00</u>	<u>160.00</u>	<u>1PQF5</u>	(M)
(f) Per OC-3 (4 Fiber)	<u>125.00</u>	<u>475.00</u>	<u>380.00</u>	<u>350.00</u>	<u>320.00</u>	<u>1PQF6</u>	(M)
(g) Per OC-12 (2 Fiber)	<u>275.00</u>	<u>715.00</u>	<u>570.00</u>	<u>525.00</u>	<u>480.00</u>	<u>1PQF8</u>	(M)
(h) Per OC-12 (4 Fiber)	<u>275.00</u>	<u>1,430.00</u>	<u>1,140.00</u>	<u>1,050.00</u>	<u>960.00</u>	<u>1PQF7</u>	(M)
(i) Per OC-48 (2 Fiber)	<u>300.00</u>	<u>1,600.00</u>	<u>1,325.00</u>	<u>1,215.00</u>	<u>1,050.00</u>	<u>1PQF2</u>	(M)
(j) Per OC-48 (4 Fiber)	<u>300.00</u>	<u>3,200.00</u>	<u>2,650.00</u>	<u>2,430.00</u>	<u>2,100.00</u>	<u>1PQFO</u>	(M)
(k) Per 1000 Mbps ¹	<u>400.00</u>	<u>740.00</u>	<u>520.00</u>	<u>475.00</u>	<u>425.00</u>	<u>1PQFK</u>	(M)
(l) Per 10 Mbps ²	<u>450.00</u>	<u>500.00</u>	<u>175.00</u>	<u>155.00</u>	<u>140.00</u>	<u>1PQFH</u>	(N)
(m) Per 100 Mbps ²	<u>450.00</u>	<u>540.00</u>	<u>210.00</u>	<u>190.00</u>	<u>170.00</u>	<u>1PQFJ</u>	(N)
(n) Per Fractional 1000 Mbps ²							(N)
- 50 Mbps	<u>450.00</u>	<u>520.00</u>	<u>190.00</u>	<u>170.00</u>	<u>150.00</u>	<u>1PQFM</u>	(N)
- 150 Mbps	<u>450.00</u>	<u>560.00</u>	<u>230.00</u>	<u>210.00</u>	<u>190.00</u>	<u>1PQFN</u>	(N)
- 300 Mbps	<u>450.00</u>	<u>600.00</u>	<u>300.00</u>	<u>280.00</u>	<u>260.00</u>	<u>1PQFR</u>	(N)
- 450 Mbps	<u>450.00</u>	<u>640.00</u>	<u>340.00</u>	<u>310.00</u>	<u>290.00</u>	<u>1PQFS</u>	(N)
- 600 Mbps	<u>450.00</u>	<u>700.00</u>	<u>380.00</u>	<u>340.00</u>	<u>320.00</u>	<u>1PQFT</u>	(N)

B. LightGate[®] service Local Channel Mileage³ (M)(T)

1. Mileage for all LightGate[®] service Local Channel Systems (M)(T)

(a) First one-half mile (included in system charge)						<u>NA</u>	(M)
(b) Each additional one-half mile	<u>NA</u>	<u>225.00</u>	<u>190.00</u>	<u>170.00</u>	<u>150.00</u>	<u>1LPEA</u>	(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. (M)

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. (N)

Note 3: Month to month rates are only available at the end of a contract rate period. (M)(T)

Material appearing on this page previously appeared on page(s) 52 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate® Service (Cont'd)

(T)

B7.4.5 Rates and Charges (Cont'd)

C. Separate Alternate Facility Transport (SAFT)¹

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
1. SAFT Level I						
(a) Per System	\$770.00					1L8EA
(b) Per one-half air mile		\$175.00	\$145.00 <u>115.00</u>	\$120.00 <u>95.00</u>	\$110.00 <u>90.00</u>	1L8SA (R)
2. SAFT Level II						
(a) Per System	770.00					1L8EP
(b) Per one-half air mile		2,000.00	1,000.00 <u>800.00</u>	800.00 <u>640.00</u>	650.00 <u>520.00</u>	1L8SP (R)

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

1. LightGate® 1 service ¹							(T)
a. Per DS3							
(1) 0-8 miles							
(a) Fixed	190.00	1,430.00	975.00	775.00	625.00	1LPS8	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	1,600.00	1,125.00	925.00	775.00	1LPS9	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	1,870.00	1,325.00	1,125.00	925.00	1LPS6	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE6	
2. LightGate® STS-1 service ¹							(T)
a. Per STS-1							
(1) 0-8 miles							
(a) Fixed	190.00	1,430.00	975.00	775.00	625.00	1LPS8	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	1,600.00	1,125.00	925.00	775.00	1LPS9	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	1,870.00	1,325.00	1,125.00	925.00	1LPS6	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE6	

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

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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 service¹

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 ²	400.00	740.00	520.00	475.00	425.00	1PQEK
(q) Per 10 Mbps ³	450.00	500.00	175.00	155.00	140.00	1PQEH (N)
(r) Per 100 Mbps ³	450.00	540.00	210.00	190.00	170.00	1PQEJ (N)
(s) Per Fractional 1000 Mbps ³						(N)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM (N)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN (N)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER (N)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES (N)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET (N)

E. Concatenation Rearrangement Charge

1. Per OC 3, OC 12 or OC 48 optical circuit rearranged as concatenated or non concatenated subsequent to the initial installation of the circuit

	Nonrecurring Charge		USOC
	Initial	Subsequent	NRCCN
(a) Per circuit	\$0	\$500.00	

F. C Bit Parity

1. Per DS3 circuit rearranged to have C Bit Parity added or removed subsequent to the initial installation of the circuit.

Nonrecurring Charge

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	Initial	Subsequent	USOC
(a) — Per circuit	\$0	\$500.00	NRCCB

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.

(N)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate[®] Service (Cont'd) (T)

B7.4.5 Rates and Charges (Cont'd)

E. Concatenation Rearrangement Charge (M)

1. Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non-concatenated subsequent to the initial installation of the circuit (M)

Nonrecurring Charge (M)

<u>Initial</u>	<u>Subsequent</u>	<u>USOC</u>
<u>\$0</u>	<u>\$500.00</u>	<u>NRCCN</u>

(a) Per circuit

F. C-Bit Parity (M)

1. Per DS3 circuit rearranged to have C-Bit Parity added or removed subsequent to the initial installation of the circuit. (M)

Nonrecurring Charge (M)

<u>Initial</u>	<u>Subsequent</u>	<u>USOC</u>
<u>\$0</u>	<u>\$500.00</u>	<u>NRCCB</u>

(a) Per circuit

G. Moves

1. A move involves a change in the physical location of one of the following:
 - a. the point of interface at the customer premises, or
 - b. the customer's premises
2. When the move is to a new location in Company territory within the same state, the charge for the move is equal to the sum of all nonrecurring charges applicable to a new LightGate[®] service arrangement at the new location. (T)
 When the move is to a new location in Company territory in a different state, the move will be treated as a discontinuance and start of service. The customer will be responsible for satisfying all outstanding minimum period charges for the discontinued service. All applicable nonrecurring charges at the new location will apply.

B7.5 MegaLink[®] ISDN Service (Obsoleted. See Section B107.) (T)

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B7. DIGITAL NETWORK SERVICE

B7.6 Reserved for Future Use

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing[®]) Service (T)

B7.7.1 General

- A. SMARTRing[®] service is a dedicated, high capacity, network designed to provide increased reliability and functionality via a self-healing ring topology between multiple customer designated locations and Company Central Offices where facilities can be made available as determined by the Company. This service is provided via diversely routed facilities utilizing SONET technology and DS1 and DS3 electrical interfaces. This network consists of fiber routed through local, alternate central office, internodal and/or interoffice channel facilities that transmit DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 channel services simultaneously over primary and alternate paths between customer designated locations and Company Central Offices. This ring topology will continually monitor DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 service quality, detect any failure within the system, and automatically self-heal itself around a point of failure to ensure the flow of DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 Services between locations within the self-healing network. For locations where a customer requests SMARTRing[®] service and facilities are not available, construction charges will apply as set forth in Section B5. of this Tariff for cases involving extraordinary cost. (T)
- B. SMARTRing[®] service is available at OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 and OC-192+ capacities. (T)
- OC-3 SMARTRing[®] service is available as an individual service or in an Overlay Ring Arrangement riding the customer's host OC-12, OC-48, OC-48+, OC-192, or OC-192+ SMARTRing[®] service. OC-3 SMARTRing[®] service provides an equivalent capacity of 3 DS3s, or any combination thereof not to exceed an OC-3 capacity. (T)
- Channel Interface Capacity Reallocation allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces.
- Effective December 3, 2004, OC-3+ SMARTRing service is not available for new individual service installations. Existing OC-3+ SMARTRing service installed as an individual service, or in combination with OC-12 SMARTRing service, as of December 3, 2004, may continue in place. OC-3+ SMARTRing service Overlay Ring Arrangements riding the customer's host OC-48, OC-48+, OC-192 or OC-192+ SMARTRing service are available for host rings installed prior to December 3, 2004.** OC-3+ SMARTRing service provides an equivalent OC-3 capacity, not to exceed 3 DS3s at each node, with a maximum ring capacity of 12 DS3s, not to exceed an OC-12 ring capacity. (C)
- When a customer orders OC-3+ SMARTRing[®] service in combination with OC-12 SMARTRing service, capacity and channel interface availability at each Customer Node and Central Office Node location is determined by the size node ordered by the customer. (T)
- OC-12 SMARTRing[®] service is available as an individual service, or in combination with OC-3+ SMARTRing service, or in an Overlay Ring Arrangement riding the customer's host OC-48, OC-48+, OC-192, or OC-192+ SMARTRing[®] service. OC-12 SMARTRing[®] service provides an equivalent capacity of 12 DS3s. (T)
- OC-48 SMARTRing[®] service is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+ and/or OC-12 or in an Overlay Ring Arrangement riding the customer's OC-192 or OC-192+ SMARTRing[®] service. OC-48 SMARTRing[®] service provides an equivalent capacity of 48 DS3s. (T)
- OC-48+ SMARTRing[®] service is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+ or OC-12, or in an Overlay Ring Arrangement riding the customer's OC-192+ SMARTRing[®] service. It provides equivalent capacity of 24 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-48+ SMARTRing[®] service is determined by the number of Customer and Central Office nodes on the ring. (T)
- OC-192 SMARTRing[®] service is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12 and/or OC-48. OC-192 SMARTRing[®] service provides an equivalent capacity of 192 DS3s. (T)
- OC-192+ SMARTRing[®] service is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12, OC-48 and/or OC-48+. It provides equivalent capacity of 96 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-192+ SMARTRing[®] service is determined by the number of Customer and Central Office nodes on the ring. (T)

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B7. DIGITAL NETWORK SERVICE

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

B7.7.1 General (Cont'd)

B. (Cont'd)

SMARTRing® service Channel Interfaces are available as follows:

<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>	
DS1	Yes	Yes	No ¹	Yes ¹	No ¹	Yes ¹	No ¹	
DS3	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
OC-3	No	No	Yes	Yes	Yes	Yes	Yes	
OC-12	No	No	No	Yes	Yes	Yes	Yes	
OC-48	No	No	No	No	No	Yes	Yes	
28 DS1 Channel System (DS3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
28 DS1 Channel System (STS-1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
DS3 (Asymmetrical with DS1)	Yes	Yes	No	No	No	No	No	
DS1 Within an STS-1 Asymmetrical Arrangement	Yes	Yes	No	No	No	No	No	
1000 Mbps	No	No	No	Yes ²	Yes ²	Yes	Yes ²	
<u>10 Mbps</u>	<u>No</u>	<u>No</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	(N)
<u>100 Mbps</u>	<u>No</u>	<u>No</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	(N)
<u>Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps</u>	<u>No</u>	<u>No</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	(N)
<u>Fractional 1000 Mbps at 600 Mbps</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	<u>Yes³</u>	(N)
<u>Flex DS1⁴</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	(N)

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. (M)

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.

The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node. A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s.

The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher-level termination of an asymmetrical arrangement when the lower-level interface is a DS1.

SMARTRing® service Overlay Ring Arrangements are available as follows:

<u>OVERLAYING SMARTRing® Service</u>	<u>Host SMARTRing® Service</u>				
	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>
OC-3	X	X	X	X	X
OC-3+		X	X	X	X
OC-12		X	X	X	X
OC-48				X	X
OC-48+					X

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- Note 1:** DS1 interfaces are available via OC-3, OC-3+ or 28 DS1 Channel System arrangements only for OC-12, OC-48+ and OC-192+ nodes and for OC-48, OC-48+ and OC-192+ SMARTRingSM service Nodes installed prior to October 20, 2003. For OC-48 and OC-192 nodes, installed on or after that date to December 3, 2004, DS1 interfaces are available with a maximum quantity per node of 96. (C)
- Note 2:** DS3, STS-1, channel systems and 1000 Mbps interfaces are only available for nodes installed after October 20, 2003. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.
- Note 3:** Available on rings installed on or after December 3, 2004. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. (N)
- Note 4:** Effective December 3, 2004, DS1 interfaces for rings install on or after this date will be installed as a Flex DS1 interface. The maximum number of DS1 circuits available in a system is 96. (N)

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B7. DIGITAL NETWORK SERVICE (N)

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

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

B. (Cont'd) (N)

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. (M)(T)

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. (M)(T)

The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node. A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s. (M)

The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1. (M)

SMARTRing[®] service Overlay Ring Arrangements are available as follows: (M)(T)

<u>OVERLAYING SMARTRing[®] Service</u>	<u>Host SMARTRing[®] Service</u>				
	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>
<u>OC-3</u>	X	X	X	X	X
<u>OC-3+</u>		X	X	X	X
<u>OC-12</u>		X	X	X	X
<u>OC-48</u>				X	X
<u>OC-48+</u>					X

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B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing[®]) Service (Cont'd) (T)

B7.7.3 Architecture (Cont'd)

A. SMARTRing[®] Service (Cont'd) (T)

The SMARTRing[®] service configuration utilizes a multi-nodal ring architecture which is specified jointly by the Company and the customer. The minimum configuration provides dedicated DS3 (44.736 Mbps) and/or DS1 digital services and must include at least three nodes. One node must be a Central Office Node in Company Central Office. The remaining two nodes may be either Central Office Nodes in a Company Central Offices or Customer Nodes at customer designated locations, or one of each. Additional nodes above the three node minimum may be any combination thereof. The maximum number of nodes will be determined based on equipment capability. The nodes are connected by SMARTRing[®] service Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels as applicable. SMARTRing[®] service may be connected to other high capacity services only at Central Office Nodes. (T)

Applicable rate elements for this service are:

- Customer Nodes provide ring switching capabilities at customer designated locations other than Telephone Company Premises that are part of SMARTRing[®] service. This rate element offers OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ network capacities. A summary of the channel interfaces available with each node are specified in B7.7.1 preceding. (T)
- Customer Channel Interface provides DS1, DS3, STS-1, OC-3, OC-12, OC-48, ***10 Mbps, 100 Mbps, Fractional 1000 Mbps*** and/or 1000 Mbps connectivity that may take place at each Customer Node of SMARTRing service. The Customer Channel Interface rate element applies for every interface capacity that originates or terminates at a Customer Node. (C)
- Central Office Node provides ring switching capabilities at Company Central Offices that are a part of SMARTRing[®] service. This rate element offers OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ network capacities. A summary of the channel interfaces available with each node are specified in B7.7.1 preceding. (T)
- Central Office Channel Interface provides DS1, DS3, STS-1, OC-3, OC-12, OC-48, ***10 Mbps, 100 Mbps, Fractional 1000 Mbps*** and/or 1000 Mbps connectivity that may take place at each Central Office Node located on SMARTRing service. The Central Office Channel Interface rate element applies for every interface capacity that originates or terminates at a Central Office Node. Customers with DS3 or STS-1 interfaces at the Customer Node electing to connect with DS1 services at a Central Office Node must obtain a 28-DS1 Channel System. STS-1 interfaces may only connect to other compatible STS-1 services. (C)
- Local Channel (at least one for each Customer Node which is directly connected to the serving wire center), provides for the communications path between a Customer Node and the serving wire center of the premises where located.
- Alternate Central Office Channel (at least one for each Customer Node which is directly connected to an Alternate Central Office), provides for the communications path, where requested, between a Customer Node and an Alternate Central Office.
- Interoffice Channel (one for each path between each two directly connected Company Central Offices), provides for the communications path between directly connected Company Central Offices located on a SMARTRing[®] service. (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)

4. Internodal Channel Mileage Rates (All Capacities)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Per Internodal Channel, Same Wire Center area	\$505.00	\$-	\$-	\$-	\$-	1HNXX
(b) Per quarter air mile, Same Wire Center	-	1,400.00	535.00	415.00	345.00	1HNWX
(c) Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center areas	505.00	-	-	-	-	1HNZX
(d) Per quarter air mile, same Office Park/Campus Environment in contiguous Serving Wire Center areas	-	1,600.00	650.00	465.00	390.00	1HNXC

5. Customer Node (per Node)

(a) OC-3 capacity	370.00	2,300.00	990.00	900.00	810.00	SHNC3
(b) OC-3+ capacity	370.00	2,700.00	1,845.00	1,575.00	1,350.00	SHNN5
(c) OC-12 capacity	375.00	3,590.00	1,980.00	1,800.00	1,575.00	SHNC1
(d) OC-48 capacity	375.00	5,220.00	4,410.00	4,050.00	3,510.00	SHNN8
(e) OC-48+ capacity	375.00	5,850.00	4,410.00	4,050.00	3,510.00	SHNN9
(f) OC-192 capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNN6
(g) OC-192+ capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNN2

6. Customer Channel Interface (per Node)

(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
(l) Per 1000 Mbps	400.00	740.00	520.00	475.00	425.00	SHN1K
(m) Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHN1M
(n) Per 100 Mbps	450.00	540.00	210.00	190.00	170.00	SHN1N
(o) Per Fractional 1000 Mbps						
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	SHN1O
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	SHN1P
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	SHN1R
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	SHN1U
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	SHN1V
(p) Per Flex DS1	360.00	45.00	34.00	27.00	25.00	SHN1Q

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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)

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

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

(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
(p) Per 1000 Mbps	400.00	740.00	520.00	475.00	425.00	SHNCW
(q) Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHNCM
(r) Per 100 Mbps	450.00	540.00	210.00	190.00	170.00	SHNCN
(s) Per Fractional 1000 Mbps						
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	SHNCO
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	SHNCP
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	SHNCR
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	SHNCU
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	SHNCV
(t) Per Flex DS1	250.00	40.00	30.00	25.00	20.00	SHNCO

~~9. Channel Interface Capacity Reallocation~~

(a) Per Node, Per occurrence

Nonrecurring Charge — USOC
\$290.00 — SHRBC

~~10. Concatenation Rearrangement Charge~~

Nonrecurring
Monthly Charge

Material previously appearing on this page now appears on page(s) 67 of this section.

BELLSOUTH
TELECOMMUNICATIONS, INC.
FLORIDA

PRIVATE LINE SERVICES TARIFF

~~Fourth~~ ~~Third~~ Revised Page 66
Cancels ~~Third~~ ~~Second~~ Revised Page 66

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	Rate	Initial	Subsequent	USOC
(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	\$	\$	\$500.00	NRCCN

B7.8 SMARTPath Service

B7.8.1 General

~~A. SMARTPath service is furnished for Private Line IntraLATA Communications by the Company.~~

Material previously appearing on this page now appears on page(s) 67 of this section.

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B7. DIGITAL NETWORK SERVICE

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

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

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

9. Channel Interface Capacity Reallocation (M)

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

10. Concatenation Rearrangement Charge (M)

	<u>Nonrecurring</u>		
	<u>Monthly</u>	<u>Charge</u>	
	<u>Rate</u>	<u>Initial</u>	<u>Subsequent</u>
(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	\$-	\$-	\$500.00
			<u>USOC</u>
			NRCCN

B7.8 SMARTPath* Service (M)(T)

B7.8.1 General (M)(T)

- A. SMARTPathSM service is furnished for Private Line IntraLATA Communications by the Company.** (M)(T)
- B. SMARTPathSM service is a service for transmission of digital signals only and uses only digital transmission facilities.** (T)
- C. SMARTPathSM service is a shared high capacity network service capable of providing a 1.544 Mbps transport link with high performance and reliability parameters and a level of redundancy/diversity designed to limit a single event from interrupting service.** (T)
- D. This service is available only in those locations within specified SMARTPathSM service Areas which the Company determines can be incorporated into the SMARTPathSM service network enabling the Company to provide the specified level of performance and reliability. For locations where a customer requests SMARTPathSM service and facilities are not available, construction charges will apply as set forth on Section B5. preceding.** (T)
- E. SMARTPathSM service Areas are identified in the NATIONAL EXCHANGE CARRIER TARIFF (NECA) F.C.C. No. 4.** (T)
- F. The technical specifications and standard network interfaces for SMARTPathSM service are contained in BellSouth Services Technical Reference Publication 73575. This publication is available from BellSouth Services Documentation Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243.** (T)
- G. DS1s carried over Synchronous Optical Network (SONET) transport systems can incur phase transients as a result of pointer adjustments. In some instances timing problems could surface in customer's equipment with Stratum 3 or better clocks. This may result in the customer's clock disqualifying its synchronization reference, generating an alarm and/or selecting an alternate reference or entering holdover. To insure proper operation, channelized DS1 circuits must comply with Bellcore Technical Advisory, TA-NWT-000436, Digital Synchronization Network Plan, and ANSI T1.101-1994. When timing is taken from a Company transported DS1, the customer's equipment must be capable of accommodating SONET pointer adjustments.**

B7.8.2 Regulations

A. Description of Service

- 1. SMARTPathSM service provides a transport link between a customer designated premises where the network is accessed and (1) another customer designated premises, in the same SMARTPathSM service Area or (2) a serving wire center in the same SMARTPathSM service Area for connection to (a) MegaLinkSM Channel Service, FlexServSM service, or LightGateSM service, or (b) a SMARTPathSM service Area Junction of another SMARTPathSM service area in the same Metropolitan Area. (T)
- 2. The performance objectives for SMARTPathSM service are as follows: (T)
 - a. Meet or exceed 99.99 percent Circuit Availability on a monthly basis. This objective applies except where a customer's equipment is disconnected and/or inoperative.
 - b. Meet or exceed 99.95 percent Error Free Seconds on a monthly basis.
 - c. Meet or exceed .009 percent Severely Errored Seconds on a monthly basis.
- 3. The performance guarantee for SMARTPathSM service is as follows: (T)
 - a. Guaranteed Service Installation - the Company will meet negotiated due date or credit an amount equal to the nonrecurring charge according to the Service Installation Guarantee described in B2.4.17.

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B7. DIGITAL NETWORK SERVICE

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (T)

B7.4.1 General

- A. LightGate service is an intraLATA fiber optic based, digital service which provides channelization capability for the customer in packages based on systems consisting of DS3, DS1, STS-1, OC-3, OC-12, OC-48 and OC-192 channels. It will provide local channels and/or interoffice channels in the following system sizes: (T)

- Asynchronous – LightGate 1 (T)
- Synchronous - STS-1, OC-3, OC-12, OC-48 and OC-192 LightGate service (T)

Asynchronous systems are capable of transporting DS1 and DS3 channels. Synchronous systems are capable of transporting all channels. The capacity of each LightGate service System is shown in the following table: (T)

<u>LightGate System</u>	<u>DS1</u>	<u>DS3</u>	<u>STS-1</u>	<u>OC-3</u>	<u>OC-12</u>	<u>OC-48</u>
LightGate 1	28	1				
LightGate STS-1	28		1			
LightGate OC-3	84	3	3	1		
LightGate OC-12	336	12	12	4	1	
LightGate OC-48	1344	48	48	16	4	1
LightGate OC-192	5376	192	192	64	16	4

- B. Channelization is provided by LightGate service Systems which furnish fiber optic transport from the central office to a customer's premises. Channel interfaces are offered to provide individual DS1, DS3, STS-1, OC-3, OC-12, OC-48, **10 Mbps, 100 Mbps, Fractional 1000 Mbps** and 1000 Mbps channels. The customer may channelize all or part of a LightGate service package to activate data facilities for interconnection with the exchange network, voice grade and data facilities for private line channels, as well as other LightGate services. The customer may also choose not to channelize all or part of a LightGate service package allowing direct connection to other LightGate services, DS3 or DS1 services as provided in this Tariff or the General Subscriber Service Tariff. (OC-12, OC-48 and OC-192 LightGate service local channel systems and OC-192 interoffice channel systems are only available as channelized.) (C)

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

(T)

B7.4.1 General (Cont'd)

- C. Channel interface availability varies with system size and transport architecture (asynchronous vs. synchronous). The following table lists the channel interfaces available with each LightGate service System. (T)

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 ¹	Yes ¹	
DS3	Yes	No	Yes	Yes	Yes	Yes ¹	
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	
STS-1	No	Yes	Yes	Yes	Yes	Yes ¹	
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	No	Yes ²	Yes ²	Yes ²	(N)
100 Mbps	No	No	No	Yes ²	Yes ²	Yes ²	(N)
1000 Mbps	No	No	No	No	Yes ³	Yes ³	(T)
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	No	Yes ²	Yes ²	Yes ²	(N)
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes ²	Yes ²	(N)
Central Office Channel Interfaces							
DS1	Yes	Yes	Yes	No	Yes ¹	Yes ¹	
DS3	Yes	No	Yes	Yes	Yes	Yes ¹	
DS3 Asymmetrical with DS1	No	No	Yes	No	No	No	
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 ¹	
STS-1 Channel System	No	No	No	Yes	Yes	Yes ¹	
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	No	Yes ¹	Yes ¹	Yes ¹	(N)
100 Mbps	No	No	No	Yes ¹	Yes ¹	Yes ¹	(N)
1000 Mbps	No	No	No	No	Yes ³	Yes ³	(T)
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	No	Yes ¹	Yes ¹	Yes ¹	(N)
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes ¹	Yes ¹	(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 96.

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. (N)

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. (T)

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

(T)

B7.4.1 General (Cont'd)

C. (Cont'd)

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 ¹	
STS-1	No	Yes	Yes	Yes	Yes	Yes ¹	
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 ¹	
STS-1 Channel System	No	Yes	Yes	Yes	Yes	Yes ¹	
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 ²	Yes ²	Yes ²	(N)
100 Mbps	No	No	No	Yes ²	Yes ²	Yes ²	(N)
1000 Mbps	No	No	No	No	Yes ³	Yes ³	(T)
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	No	Yes ²	Yes ²	Yes ²	(N)
Fractional 1000 Mbps at 600 Mbps	No	No	No	No	Yes ²	Yes ²	(N)

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

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. (N)

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. (T)

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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 on OC-3 Local Channel System)	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 1000 Mbps ¹	400.00	740.00	520.00	475.00	425.00	1PQEK
(r) Per 10 Mbps ²	450.00	500.00	175.00	155.00	140.00	1PQEH (N)
(s) Per 100 Mbps ²	450.00	540.00	210.00	190.00	170.00	1PQEJ (N)
(t) Per Fractional 1000 Mbps ²						(N)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM (N)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN (N)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER (N)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES (N)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET (N)

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. (N)

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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.
(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	(M)(T)
(b) Per DS3	125.00	115.00	95.00	90.00	85.00	1PQF3	(M)
(c) Per DS3 (Asymmetrical with DS1 on OC-3 Local Channel System)	280.00	500.00	390.00	365.00	350.00	1PQFG	(M)
(d) Per STS-1	125.00	240.00	195.00	185.00	175.00	1PQF4	(M)
(e) Per OC-3 (2 Fiber)	125.00	240.00	190.00	175.00	160.00	1PQF5	(M)
(f) Per OC-3 (4 Fiber)	125.00	475.00	380.00	350.00	320.00	1PQF6	(M)
(g) Per OC-12 (2 Fiber)	275.00	715.00	570.00	525.00	480.00	1PQF8	(M)
(h) Per OC-12 (4 Fiber)	275.00	1,430.00	1,140.00	1,050.00	960.00	1PQF7	(M)
(i) Per OC-48 (2 Fiber)	300.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQF2	(M)
(j) Per OC-48 (4 Fiber)	300.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQFO	(M)
(k) Per 1000 Mbps ¹	400.00	740.00	520.00	475.00	425.00	1PQFK	(M)
(l) Per 10 Mbps ²	450.00	500.00	175.00	155.00	140.00	1PQFH	(N)
(m) Per 100 Mbps ²	450.00	540.00	210.00	190.00	170.00	1PQFJ	(N)
(n) Per Fractional 1000 Mbps ²							(N)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQFM	(N)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQFN	(N)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQFR	(N)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQFS	(N)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQFT	(N)

B. LightGate service Local Channel Mileage³

1. Mileage for all LightGate service Local Channel Systems

(a) First one-half mile (included in system charge)						NA	(M)
(b) Each additional one-half mile	NA	225.00	190.00	170.00	150.00	1LPEA	(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. (M)

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. (N)

Note 3: Month to month rates are only available at the end of a contract rate period. (M)(T)

Material appearing on this page previously appeared on page(s) 52 of this section.

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

(T)

B7.4.5 Rates and Charges (Cont'd)

C. Separate Alternate Facility Transport (SAFT)¹

	Nonrecurring Charge	Month to Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC	
1. SAFT Level I							
(a) Per System	\$770.00					1L8EA	
(b) Per one-half air mile		\$175.00	\$115.00	\$95.00	\$90.00	1L8SA	(R)
2. SAFT Level II							
(a) Per System	770.00					1L8EP	
(b) Per one-half air mile		2,000.00	800.00	640.00	520.00	1L8SP	(R)
D. Interoffice Channels (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)							
1. LightGate 1 service ¹							(T)
a. Per DS3							
(1) 0-8 miles							
(a) Fixed	190.00	1,430.00	975.00	775.00	625.00	1LPS8	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	1,600.00	1,125.00	925.00	775.00	1LPS9	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	1,870.00	1,325.00	1,125.00	925.00	1LPS6	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE6	
2. LightGate STS-1 service ¹							(T)
a. Per STS-1							
(1) 0-8 miles							
(a) Fixed	190.00	1,430.00	975.00	775.00	625.00	1LPS8	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	1,600.00	1,125.00	925.00	775.00	1LPS9	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	1,870.00	1,325.00	1,125.00	925.00	1LPS6	
(b) Per Mile		130.00	70.00	60.00	50.00	1LPE6	

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

ISSUED: November 18, 2004
BY: Joseph P. Lacher, President -FL
Miami, Florida

EFFECTIVE: December 3, 2004

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 service¹

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 ²	400.00	740.00	520.00	475.00	425.00	1PQEK
(q) Per 10 Mbps ³	450.00	500.00	175.00	155.00	140.00	1PQEH (N)
(r) Per 100 Mbps ³	450.00	540.00	210.00	190.00	170.00	1PQEJ (N)
(s) Per Fractional 1000 Mbps ³						(N)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	1PQEM (N)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	1PQEN (N)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	1PQER (N)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	1PQES (N)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	1PQET (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. (N)

Material previously appearing on this page now appears on page(s) 56 of this section.

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

(T)

B7.4.5 Rates and Charges (Cont'd)

E. Concatenation Rearrangement Charge

(M)

1. Per OC-3, OC-12 or OC-48 optical circuit rearranged as concatenated or non-concatenated subsequent to the initial installation of the circuit

(M)

Nonrecurring Charge

Initial	Subsequent	USOC
\$0	\$500.00	NRCCN

(M)

- (a) Per circuit

(M)

F. C-Bit Parity

(M)

1. Per DS3 circuit rearranged to have C-Bit Parity added or removed subsequent to the initial installation of the circuit.

(M)

Nonrecurring Charge

Initial	Subsequent	USOC
\$0	\$500.00	NRCCB

(M)

- (a) Per circuit

(M)

G. Moves

1. A move involves a change in the physical location of one of the following:
 - a. the point of interface at the customer premises, or
 - b. the customer's premises
2. When the move is to a new location in Company territory within the same state, the charge for the move is equal to the sum of all nonrecurring charges applicable to a new LightGate service arrangement at the new location.
When the move is to a new location in Company territory in a different state, the move will be treated as a discontinuance and start of service. The customer will be responsible for satisfying all outstanding minimum period charges for the discontinued service. All applicable nonrecurring charges at the new location will apply.

(T)

B7.5 MegaLink ISDN Service (Obsoleted. See Section B107.)

(T)

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

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B7. DIGITAL NETWORK SERVICE

B7.6 Reserved for Future Use

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (T)

B7.7.1 General

- A. SMARTRing service is a dedicated, high capacity, network designed to provide increased reliability and functionality via a self-healing ring topology between multiple customer designated locations and Company Central Offices where facilities can be made available as determined by the Company. This service is provided via diversely routed facilities utilizing SONET technology and DS1 and DS3 electrical interfaces. This network consists of fiber routed through local, alternate central office, internodal and/or interoffice channel facilities that transmit DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 channel services simultaneously over primary and alternate paths between customer designated locations and Company Central Offices. This ring topology will continually monitor DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 service quality, detect any failure within the system, and automatically self-heal itself around a point of failure to ensure the flow of DS1, DS3, STS-1, OC-3, OC-12 and/or OC-48 Services between locations within the self-healing network. For locations where a customer requests SMARTRing service and facilities are not available, construction charges will apply as set forth in Section B5. of this Tariff for cases involving extraordinary cost. (T)
- B. SMARTRing service is available at OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 and OC-192+ capacities. (T)
OC-3 SMARTRing service is available as an individual service or in an Overlay Ring Arrangement riding the customer's host OC-12, OC-48, OC-48+, OC-192, or OC-192+ SMARTRing service. OC-3 SMARTRing service provides an equivalent capacity of 3 DS3s, or any combination thereof not to exceed an OC-3 capacity. (T)
Channel Interface Capacity Reallocation allows the customer to reallocate channel interfaces on a node subsequent to the initial installation of the channel interfaces.
Effective December 3, 2004, OC-3+ SMARTRing service is not available for new individual service installations. Existing OC-3+ SMARTRing service installed as an individual service, or in combination with OC-12 SMARTRing service, as of December 3, 2004, may continue in place. OC-3+ SMARTRing service Overlay Ring Arrangements riding the customer's host OC-48, OC-48+, OC-192 or OC-192+ SMARTRing service are available for host rings installed prior to December 3, 2004. OC-3+ SMARTRing service provides an equivalent OC-3 capacity, not to exceed 3 DS3s at each node, with a maximum ring capacity of 12 DS3s, not to exceed an OC-12 ring capacity. (C)
When a customer orders OC-3+ SMARTRing service in combination with OC-12 SMARTRing service, capacity and channel interface availability at each Customer Node and Central Office Node location is determined by the size node ordered by the customer. (T)
OC-12 SMARTRing service is available as an individual service, or in combination with OC-3+ SMARTRing service, or in an Overlay Ring Arrangement riding the customer's host OC-48, OC-48+, OC-192, or OC-192+ SMARTRing service. OC-12 SMARTRing service provides an equivalent capacity of 12 DS3s. (T)
OC-48 SMARTRing service is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+ and/or OC-12 or in an Overlay Ring Arrangement riding the customer's OC-192 or OC-192+ SMARTRing service. OC-48 SMARTRing service provides an equivalent capacity of 48 DS3s. (T)
OC-48+ SMARTRing service is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+ or OC-12, or in an Overlay Ring Arrangement riding the customer's OC-192+ SMARTRing service. It provides equivalent capacity of 24 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-48+ SMARTRing service is determined by the number of Customer and Central Office nodes on the ring. (T)
OC-192 SMARTRing service is available as an individual service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12 and/or OC-48. OC-192 SMARTRing service provides an equivalent capacity of 192 DS3s. (T)
OC-192+ SMARTRing service is available as an individual bi-directional service, or with overlaying rings in capacities of OC-3, OC-3+, OC-12, OC-48 and/or OC-48+. It provides equivalent capacity of 96 DS3s between consecutive node locations on the ring. The maximum capacity of the OC-192+ SMARTRing service is determined by the number of Customer and Central Office nodes on the ring. (T)

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:

<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>	
DS1	Yes	Yes	No ¹	Yes ¹	No ¹	Yes ¹	No ¹	
DS3	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
STS-1	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
OC-3	No	No	Yes	Yes	Yes	Yes	Yes	
OC-12	No	No	No	Yes	Yes	Yes	Yes	
OC-48	No	No	No	No	No	Yes	Yes	
28 DS1 Channel System (DS3)	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
28 DS1 Channel System (STS-1)	Yes	Yes	Yes	Yes	Yes	Yes	Yes ²	
DS3 (Asymmetrical with DS1)	Yes	Yes	No	No	No	No	No	
DS1 Within an STS-1 Asymmetrical Arrangement	Yes	Yes	No	No	No	No	No	
1000 Mbps	No	No	No	Yes ²	Yes ²	Yes	Yes ²	
10 Mbps	No	No	Yes ³	(N)				
100 Mbps	No	No	Yes ³	(N)				
Fractional 1000 Mbps at 50 Mbps, 150 Mbps, 300 Mbps or 450 Mbps	No	No	Yes ³	(N)				
Fractional 1000 Mbps at 600 Mbps	No	No	No	Yes ³	Yes ³	Yes ³	Yes ³	(N)
Flex DS1 ⁴	No	No	Yes	Yes	No	Yes	No	(N) (M)

Note 1: DS1 interfaces are available via OC-3, OC-3+ or 28 DS1 Channel System arrangements only for OC-12, OC-48+ and OC-192+ nodes and for OC-48, OC-48+ and OC-192+ SMARTRing service Nodes installed prior to October 20, 2003. For OC-48 and OC-192 nodes, installed on or after that date to **December 3, 2004**, DS1 interfaces are available with a maximum quantity per node of 96. (C)

Note 2: DS3, STS-1, channel systems and 1000 Mbps interfaces are only available for nodes installed after October 20, 2003. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 3: Available on rings installed on or after December 3, 2004. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer. (N)

Note 4: Effective December 3, 2004, DS1 interfaces for rings install on or after this date will be installed as a Flex DS1 interface. The maximum number of DS1 circuits available in a system is 96. (N)

Material previously appearing on this page now appears on page(s) 59.0.1 of this section.

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ISSUED: November 18, 2004
 BY: Joseph P. Lacher, President -FL
 Miami, Florida

EFFECTIVE: December 3, 2004

B7. DIGITAL NETWORK SERVICE (N)

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

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

B. (Cont'd) (N)

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. (M)(T)

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. (M)(T)

The DS3 (Asymmetrical with DS1) interface allows a customer to aggregate DS1s originating from multiple nodes on a ring into a single DS3 interface at a designated node. A DS3 (Asymmetrical with DS1) interface has the capacity to aggregate 28 DS1s. (M)

The DS1 within an STS-1 Asymmetrical Arrangement interface rate element applies in lieu of the STS-1 interface for the higher level termination of an asymmetrical arrangement when the lower level interface is a DS1. (M)

SMARTRing service Overlay Ring Arrangements are available as follows: (M)(T)

<u>OVERLAYING SMARTRing Service</u>	<u>Host SMARTRing Service</u>				
	<u>OC-12</u>	<u>OC-48</u>	<u>OC-48+</u>	<u>OC-192</u>	<u>OC-192+</u>
OC-3	X	X	X	X	X
OC-3+		X	X	X	X
OC-12		X	X	X	X
OC-48				X	X
OC-48+					X

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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)

The SMARTRing service configuration utilizes a multi-nodal ring architecture which is specified jointly by the Company and the customer. The minimum configuration provides dedicated DS3 (44.736 Mbps) and/or DS1 digital services and must include at least three nodes. One node must be a Central Office Node in Company Central Office. The remaining two nodes may be either Central Office Nodes in a Company Central Offices or Customer Nodes at customer designated locations, or one of each. Additional nodes above the three node minimum may be any combination thereof. The maximum number of nodes will be determined based on equipment capability. The nodes are connected by SMARTRing service Local Channels, Alternate Central Office Channels, Interoffice Channels and Internodal Channels as applicable. SMARTRing service may be connected to other high capacity services only at Central Office Nodes.

Applicable rate elements for this service are:

- Customer Nodes provide ring switching capabilities at customer designated locations other than Telephone Company Premises that are part of SMARTRing service. This rate element offers OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ network capacities. A summary of the channel interfaces available with each node are specified in B7.7.1 preceding. (T)
- Customer Channel Interface provides DS1, DS3, STS-1, OC-3, OC-12, OC-48, **10 Mbps, 100 Mbps, Fractional 1000 Mbps** and/or 1000 Mbps connectivity that may take place at each Customer Node of SMARTRing service. The Customer Channel Interface rate element applies for every interface capacity that originates or terminates at a Customer Node. (C)
- Central Office Node provides ring switching capabilities at Company Central Offices that are a part of SMARTRing service. This rate element offers OC-3, OC-3+, OC-12, OC-48, OC-48+, OC-192 or OC-192+ network capacities. A summary of the channel interfaces available with each node are specified in B7.7.1 preceding. (T)
- Central Office Channel Interface provides DS1, DS3, STS-1, OC-3, OC-12, OC-48, **10 Mbps, 100 Mbps, Fractional 1000 Mbps** and/or 1000 Mbps connectivity that may take place at each Central Office Node located on SMARTRing service. The Central Office Channel Interface rate element applies for every interface capacity that originates or terminates at a Central Office Node. Customers with DS3 or STS-1 interfaces at the Customer Node electing to connect with DS1 services at a Central Office Node must obtain a 28-DS1 Channel System. STS-1 interfaces may only connect to other compatible STS-1 services. (C)
- Local Channel (at least one for each Customer Node which is directly connected to the serving wire center), provides for the communications path between a Customer Node and the serving wire center of the premises where located.
- Alternate Central Office Channel (at least one for each Customer Node which is directly connected to an Alternate Central Office), provides for the communications path, where requested, between a Customer Node and an Alternate Central Office.
- Interoffice Channel (one for each path between each two directly connected Company Central Offices), provides for the communications path between directly connected Company Central Offices located on a SMARTRing service. (T)

B7. DIGITAL NETWORK SERVICE

B7.7 Self-Healing Multi-Nodal Alternate Route Topology Ring (SMARTRing) Service (Cont'd) (T)

B7.7.4 Rates and Charges (Cont'd)

A. Self-healing Multi-nodal Alternate Route Topology Ring (SMARTRing Service) (Cont'd) (T)

4. Internodal Channel Mileage Rates (All Capacities)

	Nonrecurring Charge	Month To Month	24 to 48 Months	49 to 72 Months	73 to 96 Months	USOC
(a) Per Internodal Channel, Same Wire Center area	\$505.00	\$-	\$-	\$-	\$-	1HNXX
(b) Per quarter air mile, Same Wire Center	-	1,400.00	535.00	415.00	345.00	1HNWX
(c) Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center areas	505.00	-	-	-	-	1HNZX
(d) Per quarter air mile, same Office Park/Campus Environment in contiguous Serving Wire Center areas	-	1,600.00	650.00	465.00	390.00	1HNCX

5. Customer Node (per Node)

(a) OC-3 capacity	370.00	2,300.00	990.00	900.00	810.00	SHNC3
(b) OC-3+ capacity	370.00	2,700.00	1,845.00	1,575.00	1,350.00	SHNN5
(c) OC-12 capacity	375.00	3,590.00	1,980.00	1,800.00	1,575.00	SHNC1
(d) OC-48 capacity	375.00	5,220.00	4,410.00	4,050.00	3,510.00	SHNN8
(e) OC-48+ capacity	375.00	5,850.00	4,410.00	4,050.00	3,510.00	SHNN9
(f) OC-192 capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNN6
(g) OC-192+ capacity	540.00	25,000.00	9,375.00	8,250.00	7,300.00	SHNN2

6. Customer Channel Interface (per Node)

(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
(l) Per 1000 Mbps	400.00	740.00	520.00	475.00	425.00	SHN1K
(m) Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHN1M
(n) Per 100 Mbps	450.00	540.00	210.00	190.00	170.00	SHN1N
(o) Per Fractional 1000 Mbps						
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	SHN1O
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	SHN1P
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	SHN1R
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	SHN1U
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	SHN1V
(p) Per Flex DS1	360.00	45.00	34.00	27.00	25.00	SHN1Q

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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)

(T)

B7.7.4 Rates and Charges (Cont'd)

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

(T)

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

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

(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	
(p) Per 1000 Mbps	400.00	740.00	520.00	475.00	425.00	SHNCW	
(q) Per 10 Mbps	450.00	500.00	175.00	155.00	140.00	SHNCM	(N)
(r) Per 100 Mbps	450.00	540.00	210.00	190.00	170.00	SHNCN	(N)
(s) Per Fractional 1000 Mbps							(N)
- 50 Mbps	450.00	520.00	190.00	170.00	150.00	SHNCO	(N)
- 150 Mbps	450.00	560.00	230.00	210.00	190.00	SHNCP	(N)
- 300 Mbps	450.00	600.00	300.00	280.00	260.00	SHNCR	(N)
- 450 Mbps	450.00	640.00	340.00	310.00	290.00	SHNCU	(N)
- 600 Mbps	450.00	700.00	380.00	340.00	320.00	SHNCV	(N)
(t) Per Flex DS1	250.00	40.00	30.00	25.00	20.00	SHNCQ	(N)

(M)

Material previously appearing on this page now appears on page(s) 67 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.

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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) (N)

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

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

9. Channel Interface Capacity Reallocation (M)

	Nonrecurring Charge	USOC
(a) Per Node, Per occurrence	\$290.00	SHRBC

10. Concatenation Rearrangement Charge (M)

	Monthly Rate	Nonrecurring Charge		USOC
(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	\$-	Initial	Subsequent	NRCCN
		\$-	\$500.00	

B7.8 SMARTPath Service (M)(T)

B7.8.1 General (M)(T)

- A. SMARTPath service is furnished for Private Line IntraLATA Communications by the Company. (M)(T)
- B. SMARTPath service is a service for transmission of digital signals only and uses only digital transmission facilities. (T)
- C. SMARTPath service is a shared high capacity network service capable of providing a 1.544 Mbps transport link with high performance and reliability parameters and a level of redundancy/diversity designed to limit a single event from interrupting service. (T)
- D. This service is available only in those locations within specified SMARTPath service Areas which the Company determines can be incorporated into the SMARTPath service network enabling the Company to provide the specified level of performance and reliability. For locations where a customer requests SMARTPath service and facilities are not available, construction charges will apply as set forth on Section B5. preceding. (T)
- E. SMARTPath service Areas are identified in the NATIONAL EXCHANGE CARRIER TARIFF (NECA) F.C.C. No. 4. (T)
- F. The technical specifications and standard network interfaces for SMARTPath service are contained in BellSouth Services Technical Reference Publication 73575. This publication is available from BellSouth Services Documentation Operations, North W5A1, 3535 Colonnade Parkway, Birmingham, Alabama 35243. (T)
- G. DS1s carried over Synchronous Optical Network (SONET) transport systems can incur phase transients as a result of pointer adjustments. In some instances timing problems could surface in customer's equipment with Stratum 3 or better clocks. This may result in the customer's clock disqualifying its synchronization reference, generating an alarm and/or selecting an alternate reference or entering holdover. To insure proper operation, channelized DS1 circuits must comply with Bellcore Technical Advisory, TA-NWT-000436, Digital Synchronization Network Plan, and ANSI T1.101-1994. When timing is taken from a Company transported DS1, the customer's equipment must be capable of accommodating SONET pointer adjustments.

B7.8.2 Regulations

A. Description of Service

1. SMARTPath service provides a transport link between a customer designated premises where the network is accessed and (1) another customer designated premises, in the same SMARTPath service Area or (2) a serving wire center in the same SMARTPath* service Area for connection to (a) MegaLink® Channel Service, FlexServ service, or LightGate service, or (b) a SMARTPath service Area Junction of another SMARTPath service area in the same Metropolitan Area. (T)
2. The performance objectives for SMARTPath service are as follows: (T)
 - a. Meet or exceed 99.99 percent Circuit Availability on a monthly basis. This objective applies except where a customer's equipment is disconnected and/or inoperative.
 - b. Meet or exceed 99.95 percent Error Free Seconds on a monthly basis.
 - c. Meet or exceed .009 percent Severely Errored Seconds on a monthly basis.
3. The performance guarantee for SMARTPath service is as follows: (T)
 - a. Guaranteed Service Installation - the Company will meet negotiated due date or credit an amount equal to the nonrecurring charge according to the Service Installation Guarantee described in B2.4.17.

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B7. DIGITAL NETWORK SERVICE

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