

**TARIFF DISTRIBUTION**

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STATE: GEORGIA

EFFECTIVE DATE: 06/15/2023

TYPE OF DISTRIBUTION: Approved

PURPOSE: Business SONET/OC-N Point-To-Point MTM and 12-  
Month Rate Increases

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**B7. DIGITAL NETWORK SERVICE**

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

**B7.4.5 Rates and Charges**

**A. LightGate service Local Channel Systems**

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

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 Months</b>	<b>24 to 48<sup>2,3</sup> Months</b>	<b>49 to 72<sup>2</sup> Months</b>	<b>73 to 96<sup>2</sup> Months</b>	<b>USOC</b>
1. LightGate 1 Basic System <sup>1</sup>							
(a) Per System	<b>\$300.00</b>	<b>\$56,797.00</b>	<b>\$2,146.00</b>	<b>\$1,590.00</b>	<b>\$1,440.00</b>	<b>\$1,290.00</b>	<b>HFSC7</b>
2. LightGate STS-1 Basic System <sup>1</sup>							
(a) Per System	<b>700.00</b>	<b>2,794.00(I)</b>	<b>2,146.00(I)</b>	<b>1,590.00</b>	<b>1,440.00</b>	<b>1,290.00</b>	<b>HFST1</b>
3. LightGate OC-3 Basic System <sup>1</sup>							
(a) Per System	<b>700.00</b>	<b>4,995.00(I)</b>	<b>NA</b>	<b>3,100.00</b>	<b>2,800.00</b>	<b>2,500.00</b>	<b>HFSO3</b>
(b) Per System with Optical Customer Termination	<b>700.00</b>	<b>3,283.00(I)</b>	<b>NA</b>	<b>1,968.00</b>	<b>1,776.00</b>	<b>1,584.00</b>	<b>HFSOC</b>
(c) Per System with Optical Serving Wire Center Termination	<b>700.00</b>	<b>3,283.00(I)</b>	<b>NA</b>	<b>1,968.00</b>	<b>1,776.00</b>	<b>1,584.00</b>	<b>HFSOW</b>
4. LightGate OC-12 Basic System <sup>1</sup>							
(a) Per System	<b>700.00</b>	<b>7,425.00(I)</b>	<b>NA</b>	<b>5,100.00</b>	<b>4,600.00</b>	<b>4,150.00</b>	<b>HFS12</b>
(b) Per System with Optical Customer Termination	<b>700.00</b>	<b>5,184.00(I)</b>	<b>NA</b>	<b>3,504.00</b>	<b>3,200.00</b>	<b>2,880.00</b>	<b>HFS1C</b>
(c) Per System with Optical Serving Wire Center Termination	<b>700.00</b>	<b>5,184.00(I)</b>	<b>NA</b>	<b>3,504.00</b>	<b>3,200.00</b>	<b>2,880.00</b>	<b>HFS1W</b>
5. LightGate OC-48 Basic System <sup>1</sup>							
(a) Per System	<b>700.00</b>	<b>17,550.00(I)</b>	<b>NA</b>	<b>11,000.00</b>	<b>10,000.00</b>	<b>9,000.00</b>	<b>HFS48</b>
(b) Per System with Optical Customer Termination	<b>700.00</b>	<b>10,800.00(I)</b>	<b>NA</b>	<b>7,040.00</b>	<b>6,400.00</b>	<b>5,760.00</b>	<b>HFS4C</b>
(c) Per System with Optical Serving Wire Center Termination	<b>700.00</b>	<b>10,800.00(I)</b>	<b>NA</b>	<b>7,040.00</b>	<b>6,400.00</b>	<b>5,760.00</b>	<b>HFS4W</b>
6. LightGate OC-192 Basic System <sup>1</sup>							
(a) Per System	<b>700.00</b>	<b>35,100.00(I)</b>	<b>NA</b>	<b>20,000.00</b>	<b>18,000.00</b>	<b>16,000.00</b>	<b>HFST2</b>

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

**Note 2:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

**Note 3:** As of April 5, 2021, the 24-36 Month Contract Term for LightGate DS1 and DS3 channel interface options are no longer available for new or renewing subscribers.

## 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.

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>3,4</sup> Months	49 to 72 <sup>3</sup> Months	73 to 96 <sup>3</sup> Months	USOC
7. Central Office Channel Interfaces							
(a) Per DS1	\$125.00	\$32.00(I)	\$27.00(I)	\$20.00	\$17.00	\$16.00	1PQE8
(b) Per DS3	125.00	2,843.00	128.00	95.00	90.00	85.00	1PQE3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	675.00(I)	NA	390.00	365.00	350.00	1PQEG
(d) Per STS-1	125.00	236.00(I)	NA	140.00	130.00	120.00	1PQE4
(e) Per OC-3 (2 Fiber)	200.00	324.00(I)	NA	190.00	175.00	160.00	1PQE5
(f) Per OC-3 (4 Fiber)	200.00	573.00(I)	NA	330.00	300.00	270.00	1PQE6
(g) Per OC-12 (2 Fiber)	360.00	864.00(I)	NA	495.00	450.00	405.00	1PQEE
(h) Per OC-12 (4 Fiber)	400.00	1,728.00(I)	NA	990.00	900.00	810.00	1PQED
(i) Per OC-48 (2 Fiber)	500.00	2,160.00(I)	NA	1,325.00	1,215.00	1,050.00	1PQEO
(j) Per OC-48 (4 Fiber)	500.00	4,320.00(I)	NA	2,650.00	2,430.00	2,100.00	1PQEF
(k) Per 28 DS1 Channel System	125.00	810.00(I)	NA	490.00	465.00	450.00	MQ3CO
(l) Per DS1 on 28 DS1 Channel System	125.00	20.00(I)	10.00(I)	8.00	7.00	6.00	1PQEA
(m) Per STS-1 Channel System	125.00	810.00(I)	NA	490.00	465.00	450.00	1PQE7
(n) Per OC-3 Channel System	125.00	1,788.00(I)	NA	1,100.00	1,000.00	900.00	1PQE9
(o) Per OC-12 Channel System	125.00	3,577.00(I)	NA	2,200.00	2,000.00	1,800.00	1PQ12
(p) Per OC-48 Channel System	125.00	7,411.00(I)	NA	4,410.00	4,050.00	3,510.00	1PQ48
(q) Per 1000 Mbps (21 STS-1) <sup>1</sup>	400.00	999.00(I)	NA	520.00	475.00	425.00	1PQEK
(r) Per 1000 Mbps (24 STS-1) <sup>1</sup>	400.00	999.00(I)	NA	520.00	475.00	425.00	1PQEW
(s) Per 10 Mbps <sup>2</sup>	450.00	675.00(I)	NA	175.00	155.00	140.00	1PQEH
(t) Per 100 Mbps (3 STS-1) <sup>2</sup>	450.00	729.00(I)	NA	210.00	190.00	170.00	1PQEJ
(u) Per Fractional 1000 Mbps <sup>2</sup>							
- 50 Mbps	450.00	702.00(I)	NA	190.00	170.00	150.00	1PQEM
- 150 Mbps	450.00	756.00(I)	NA	230.00	210.00	190.00	1PQEN
- 300 Mbps	450.00	810.00(I)	NA	300.00	280.00	260.00	1PQER
- 450 Mbps	450.00	864.00(I)	NA	340.00	310.00	290.00	1PQES
- 600 Mbps	450.00	945.00(I)	NA	380.00	340.00	320.00	1PQET
(v) Per Flex DS1	130.00	32.00(I)	NA	20.00	17.00	16.00	1PQEQ

**Note 1:** Available only for systems installed on or after October 30, 2003 that do not contain an Optical Customer Termination or an 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 20, 2004 that do not contain an Optical Customer Termination or an 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:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

**Note 4:** As of April 5, 2021, the 24-36 Month Contract Term for LightGate DS1 and DS3 channel interface options are no longer available for new or renewing subscribers.

**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)

		<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 Months</b>	<b>24 to 48<sup>1</sup> Months</b>	<b>49 to 72<sup>1</sup> Months</b>	<b>73 to 96<sup>1</sup> Months</b>	<b>USOC</b>
7.	Central Office Channel Interfaces (Cont'd)							
(v)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	<b>\$800.00</b>	<b>\$675.00(I)</b>	NA	<b>\$175.00</b>	<b>\$155.00</b>	<b>\$140.00</b>	<b>1PQEU</b>
(w)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	<b>800.00</b>	<b>729.00(I)</b>	NA	<b>210.00</b>	<b>190.00</b>	<b>170.00</b>	<b>1PQEZ</b>
(x)	Per 1000 Mbps Metro Ethernet Backbone	<b>850.00</b>	<b>999.00(I)</b>	NA	<b>520.00</b>	<b>475.00</b>	<b>425.00</b>	<b>1PQEZ</b>
(y)	Per Fractional 1000 Mbps Metro Ethernet Backbone							
	- 150 Mbps (3 STS-1)	<b>850.00</b>	<b>756.00(I)</b>	NA	<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>810.00(I)</b>	NA	<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>864.00(I)</b>	NA	<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>945.00(I)</b>	NA	<b>380.00</b>	<b>340.00</b>	<b>320.00</b>	<b>1PQD8</b>
(z)	Per Fibre Connection (FICON™) (21 STS-1)	<b>500.00</b>	<b>1,093.00(I)</b>	NA	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQGA</b>
(aa)	Per Fibre Connection (FICON™) (24c STS-1)	<b>500.00</b>	<b>1,093.00(I)</b>	NA	<b>570.00</b>	<b>520.00</b>	<b>470.00</b>	<b>1PQGB</b>
(ab)	Per Fibre Connection (FICON™) Express (48 STS-1)	<b>520.00</b>	<b>1,728.00(I)</b>	NA	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQGC</b>
(ac)	Per Fibre Connection (FICON™) Express (48c STS-1)	<b>520.00</b>	<b>1,728.00(I)</b>	NA	<b>1,060.00</b>	<b>970.00</b>	<b>840.00</b>	<b>1PQGD</b>
(ad)	Per Fibre Channel 100 (21 STS-1)	<b>500.00</b>	<b>1,120.00(I)</b>	NA	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQGE</b>
(ae)	Per Fibre Channel 100 (24c STS-1)	<b>500.00</b>	<b>1,120.00(I)</b>	NA	<b>580.00</b>	<b>530.00</b>	<b>480.00</b>	<b>1PQGF</b>
(af)	Per Fibre Channel 200 (48 STS-1)	<b>520.00</b>	<b>1,836.00(I)</b>	NA	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQGG</b>
(ag)	Per Fibre Channel 200 (48c STS-1)	<b>520.00</b>	<b>1,836.00(I)</b>	NA	<b>1,130.00</b>	<b>1,030.00</b>	<b>890.00</b>	<b>1PQGH</b>

**Note 1:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

## 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)	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>2,3</sup> Months	49 to 72 <sup>2</sup> Months	73 to 96 <sup>2</sup> Months	USOC
8. Customer Channel Interfaces							
(a) Per DS1	\$170.00	\$32.00(I)	\$27.00(I)	\$20.00	\$17.00	\$16.00	1PQF1
(b) Per DS3	125.00	2,843.00	128.00	95.00	90.00	85.00	1PQF3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	280.00	675.00(I)	NA	390.00	365.00	350.00	1PQFG
(d) Per STS-1	125.00	324.00(I)	NA	195.00	185.00	175.00	1PQF4
(e) Per OC-3 (2 Fiber)	125.00	324.00(I)	NA	190.00	175.00	160.00	1PQF5
(f) Per OC-3 (4 Fiber)	125.00	641.00(I)	NA	380.00	350.00	320.00	1PQF6
(g) Per OC-12 (2 Fiber)	275.00	965.00(I)	NA	570.00	525.00	480.00	1PQF8
(h) Per OC-12 (4 Fiber)	275.00	1,930.00(I)	NA	1,140.00	1,050.00	960.00	1PQF7
(i) Per OC-48 (2 Fiber)	300.00	2,160.00(I)	NA	1,325.00	1,215.00	1,050.00	1PQF2
(j) Per OC-48 (4 Fiber)	300.00	4,320.00(I)	NA	2,650.00	2,430.00	2,100.00	1PQFO
(k) Per 10 Mbps <sup>1</sup>	450.00	675.00(I)	NA	175.00	155.00	140.00	1PQFH
(l) Per 100 Mbps (3 STS-1) – Electrical <sup>1</sup>	450.00	729.00(I)	NA	210.00	190.00	170.00	1PQFJ
(m) Per 100 Mbps (3 STS-1) - 1310 nm Single-mode <sup>1</sup>	450.00	729.00(I)	NA	210.00	190.00	170.00	1PQ3J
(n) Per Fractional 1000 Mbps <sup>1</sup>							
50 Mbps 850 nm Multi-mode – 1 STS-1	450.00	702.00(I)	NA	190.00	170.00	150.00	1PQFM
50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	702.00(I)	NA	190.00	170.00	150.00	1PQ3M
150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	756.00(I)	NA	230.00	210.00	190.00	1PQFN
150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	756.00(I)	NA	230.00	210.00	190.00	1PQ3N
150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	756.00(I)	NA	230.00	210.00	190.00	1PQJN
150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	756.00(I)	NA	230.00	210.00	190.00	1PQKN
300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	810.00(I)	NA	300.00	280.00	260.00	1PQFR
300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	810.00(I)	NA	300.00	280.00	260.00	1PQ3R
300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	810.00(I)	NA	300.00	280.00	260.00	1PQJR
300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	810.00(I)	NA	300.00	280.00	260.00	1PQKR
450 Mbps 850 nm Multi-mode - 9c STS-1	450.00	864.00(I)	NA	340.00	310.00	290.00	1PQFS
450 Mbps 1310 nm Single-mode - 9c STS-1	450.00	864.00(I)	NA	340.00	310.00	290.00	1PQ3S
450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	864.00(I)	NA	340.00	310.00	290.00	1PQJS
450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	864.00(I)	NA	340.00	310.00	290.00	1PQKS

**Note 1:** Available only for systems installed on or after December 20, 2004, that do not contain an Optical Customer Termination or an 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 2:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

**Note 3:** As of April 5, 2021, the 24-36 Month Contract Term for LightGate DS1 and DS3 channel interface options are no longer available for new or renewing subscribers.

**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)

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 Months</b>	<b>24 to 48<sup>1,4</sup> Months</b>	<b>49 to 72<sup>1</sup> Months</b>	<b>73 to 96<sup>1</sup> Months</b>	<b>USOC</b>
8. Customer Channel Interfaces (Cont'd)							
(n) Per Fractional 1000 Mbps <sup>3</sup> (Cont'd)							
600 Mbps 850 nm Multi-mode - 12c STS-1	\$450.00	\$945.00(I)	NA	\$380.00	\$340.00	\$320.00	1PQFT
600 Mbps 1310 nm Single-mode - 12c STS-1	450.00	945.00(I)	NA	380.00	340.00	320.00	1PQ3T
600 Mbps 850 nm Multi-mode - 12 STS-1	450.00	945.00(I)	NA	380.00	340.00	320.00	1PQJT
600 Mbps 1310 nm Single-mode - 12 STS-1	450.00	945.00(I)	NA	380.00	340.00	320.00	1PQKT
1000 Mbps 850 nm Multi-mode - 21 STS-1 <sup>2</sup>	400.00	999.00(I)	NA	520.00	475.00	425.00	1PQFK
1000 Mbps 1310 nm Single-mode - 21 STS-1 <sup>2</sup>	400.00	999.00(I)	NA	520.00	475.00	425.00	1PQ3K
1000 Mbps 850 nm Multi-mode - 24c STS-1 <sup>2</sup>	400.00	999.00(I)	NA	520.00	475.00	425.00	1PQFP
1000 Mbps 1310 nm Single-mode - 24c STS-1 <sup>2</sup>	400.00	999.00(I)	NA	520.00	475.00	425.00	1PQ3P
(o) Per Flex DS1	260.00	32.00(I)	NA	20.00	17.00	16.00	1PQFQ
(p) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	675.00(I)	NA	175.00	155.00	140.00	1PQFU
(q) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	729.00(I)	NA	210.00	190.00	170.00	1PQFY
(r) Per 1000 Mbps Metro Ethernet Backbone	850.00	999.00(I)	NA	520.00	475.00	425.00	1PQFZ
(s) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 150 Mbps (3 STS-1)	850.00	756.00(I)	NA	230.00	210.00	190.00	1PQ35
- 300 Mbps (6 STS-1)	850.00	810.00(I)	NA	300.00	280.00	260.00	1PQ36
- 450 Mbps (9 STS-1)	850.00	864.00(I)	NA	340.00	310.00	290.00	1PQ37
- 600 Mbps (12 STS-1)	850.00	945.00(I)	NA	380.00	340.00	320.00	1PQ38
(t) Per Fibre Connection (FICON™) (21 STS-1)	500.00	1,093.00(I)	NA	570.00	520.00	470.00	1PQFA
(u) Per Fibre Connection (FICON™) (24c STS-1)	500.00	1,093.00(I)	NA	570.00	520.00	470.00	1PQFC
(v) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,728.00(I)	NA	1,060.00	970.00	840.00	1PQFD
(w) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,728.00(I)	NA	1,060.00	970.00	840.00	1PQFE
(x) Per Fibre Channel 100 (21 STS-1)	500.00	1,120.00(I)	NA	580.00	530.00	480.00	1PQFF
(y) Per Fibre Channel 100 (24c STS-1)	500.00	1,120.00(I)	NA	580.00	530.00	480.00	1PQFW
(z) Per Fibre Channel 200 (48 STS-1)	520.00	1,836.00(I)	NA	1,130.00	1,030.00	890.00	1PQ3A
(aa) Per Fibre Channel 200 (48c STS-1)	520.00	1,836.00(I)	NA	1,130.00	1,030.00	890.00	1PQ3B

**Note 1:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

**Note 2:** Available only for systems installed on or after October 30, 2003 that do not contain an Optical Customer Termination or an 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 20, 2004, that do not contain an Optical Customer Termination or an 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 appearing on this page previously appeared on page(s) 37.0.1 of this section.

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**B7. DIGITAL NETWORK SERVICE**

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

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

**B.** LightGate service Local Channel Mileage<sup>1</sup>

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

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 Months</b>	<b>24 to 48<sup>2,3</sup> Months</b>	<b>49 to 72<sup>2</sup> Months</b>	<b>73 to 96<sup>2</sup> Months</b>	<b>USOC</b>
1. Mileage for all LightGate service Local Channel Systems							
(a) First one-half mile (included in system charge)							NA
(b) Each additional one-half mile	NA	\$6,158.00	\$256.00(I)	\$190.00	\$170.00	\$150.00	1LPEA
<b>C.</b> Separate Alternate Facility Transport (SAFT) <sup>1</sup>							
1. SAFT Level I							
(a) Per System	\$770.00						1L8EA
(b) Per one-half air mile		236.00(I)	NA	115.00	95.00	90.00	1L8SA
2. SAFT Level II							
(a) Per System	770.00						1L8EP
(b) Per one-half air mile		2,700.00(I)	NA	800.00	640.00	520.00	1L8SP
<b>D.</b> Interoffice Channels (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)							
1. LightGate 1 service <sup>1</sup>							
(a) Per DS3							
(1) 0-8 miles							
(a) Fixed	190.00	39,225.00	1,316.00	975.00	775.00	625.00	1LPS8
(b) Per Mile		3,531.00	94.00	70.00	60.00	50.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	43,893.00	1,518.00	1,125.00	925.00	775.00	1LPS9
(b) Per Mile		3,531.00	94.00	70.00	60.00	50.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	51,325.00	1,788.00	1,325.00	1,125.00	925.00	1LPS6
(b) Per Mile		3,531.00	94.00	70.00	60.00	50.00	1LPE6
2. LightGate STS-1 service <sup>1</sup>							
(a) Per STS-1							
(1) 0-8 miles							
(a) Fixed	190.00	1,930.00(I)	1,316.00(I)	975.00	775.00	625.00	1LPS8
(b) Per Mile		175.00(I)	94.00(I)	70.00	60.00	50.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	2,160.00(I)	1,518.00(I)	1,125.00	925.00	775.00	1LPS9
(b) Per Mile		175.00(I)	94.00(I)	70.00	60.00	50.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	2,524.00(I)	1,788.00(I)	1,325.00	1,125.00	925.00	1LPS6
(b) Per Mile		175.00(I)	94.00(I)	70.00	60.00	50.00	1LPE6

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

**Note 2:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

**Note 3:** As of April 5, 2021, the 24-36 Month Contract Term for LightGate DS1 and DS3 channel interface options are no longer available for new or renewing subscribers.

**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.)

- 3. LightGate OC-3 service<sup>1</sup>
  - a. Per OC-3

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>2</sup> Months	49 to 72 <sup>2</sup> Months	73 to 96 <sup>2</sup> Months	USOC
(1) 0-8 miles							
(a) Fixed	\$190.00	\$2,835.00(I)	NA	\$1,475.00	\$1,225.00	\$1,025.00	1LPS8
(b) Per Mile		303.00(I)	NA	155.00	140.00	125.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	3,510.00(I)	NA	2,150.00	2,000.00	1,900.00	1LPS9
(b) Per Mile		303.00(I)	NA	155.00	140.00	125.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	4,860.00(I)	NA	3,150.00	2,900.00	2,700.00	1LPS6
(b) Per Mile		303.00(I)	NA	155.00	140.00	125.00	1LPE6
4. LightGate OC-12 service <sup>1</sup>							
(a) Per OC-12							
(1) 0-8 miles							
(a) Fixed	190.00	5,400.00(I)	NA	3,300.00	3,000.00	2,700.00	1LPS8
(b) Per Mile		540.00(I)	NA	320.00	290.00	260.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	7,425.00(I)	NA	4,800.00	4,500.00	4,200.00	1LPS9
(b) Per Mile		540.00(I)	NA	320.00	290.00	260.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	9,720.00(I)	NA	6,500.00	6,200.00	5,900.00	1LPS6
(b) Per Mile		540.00(I)	NA	320.00	290.00	260.00	1LPE6
5. LightGate OC-48 service <sup>1</sup>							
(a) Per OC-48							
(1) 0-8 miles							
(a) Fixed	190.00	10,530.00(I)	NA	6,500.00	5,800.00	5,200.00	1LPS8
(b) Per Mile		810.00(I)	NA	500.00	450.00	400.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	11,745.00(I)	NA	7,300.00	6,700.00	6,100.00	1LPS9
(b) Per Mile		810.00(I)	NA	500.00	450.00	400.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	13,500.00(I)	NA	8,600.00	7,900.00	7,100.00	1LPS6
(b) Per Mile		810.00(I)	NA	500.00	450.00	400.00	1LPE6

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

**Note 2:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.



## 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.)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>2,3</sup> Months	49 to 72 <sup>2</sup> Months	73 to 96 <sup>2</sup> Months	USOC
6. LightGate OC-192 service <sup>1</sup>							
(a) Per OC-192							
(1) 0-8 miles							
(a) Fixed	\$190.00	\$25,650.00(I)	NA	\$15,500.00	\$13,800.00	\$12,500.00	1LPS8
(b) Per Mile		810.00(I)	NA	500.00	450.00	400.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	26,865.00(I)	NA	15,900.00	14,200.00	12,700.00	1LPS9
(b) Per Mile		810.00(I)	NA	500.00	450.00	400.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	29,700.00(I)	NA	17,700.00	15,800.00	14,100.00	1LPS6
(b) Per Mile		810.00(I)	NA	500.00	450.00	400.00	1LPE6
7. Central Office Channel Interfaces							
(a) Per DS1	125.00	32.00(I)	\$27.00(I)	20.00	17.00	16.00	1PQE8
(b) Per DS3	125.00	2,843.00	128.00	95.00	90.00	85.00	1PQE3
(c) Per STS-1	125.00	236.00(I)	NA	140.00	130.00	120.00	1PQE4
(d) Per OC-3 (2 Fiber)	200.00	324.00(I)	NA	190.00	175.00	160.00	1PQE5
(e) Per OC-3 (4 Fiber)	200.00	573.00(I)	NA	330.00	300.00	270.00	1PQE6
(f) Per OC-12 (2 Fiber)	360.00	864.00(I)	NA	495.00	450.00	405.00	1PQEE
(g) Per OC-12 (4 Fiber)	400.00	1,728.00(I)	NA	990.00	900.00	810.00	1PQED
(h) Per OC-48 (2 Fiber)	500.00	2,160.00(I)	NA	1,325.00	1,215.00	1,050.00	1PQEO
(i) Per OC-48 (4 Fiber)	500.00	4,320.00(I)	NA	2,650.00	2,430.00	2,100.00	1PQEF
(j) Per 28 DS1 Channel System	125.00	810.00(I)	NA	490.00	465.00	450.00	MQ3CO
(k) Per DS1 on 28 DS1 Channel System	125.00	20.00(I)	10.00(I)	8.00	7.00	6.00	1PQEA
(l) Per STS-1 Channel System	125.00	810.00(I)	NA	490.00	465.00	450.00	1PQE7
(m) Per OC-3 Channel System	125.00	1,788.00(I)	NA	1,100.00	1,000.00	900.00	1PQE9
(n) Per OC-12 Channel System	125.00	3,577.00(I)	NA	2,200.00	2,000.00	1,800.00	1PQ12
(o) Per OC-48 Channel System	125.00	7,411.00(I)	NA	4,410.00	4,050.00	3,510.00	1PQ48

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

**Note 2:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

**Note 3:** As of April 5, 2021, the 24-36 Month Contract Term for LightGate DS1 and DS3 channel interface options are no longer available for new or renewing subscribers.

**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.)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>3</sup> Months	49 to 72 <sup>3</sup> Months	73 to 96 <sup>3</sup> Months	USOC
7. Central Office Channel Interfaces (Cont'd)							
(p) Per 1000 Mbps <sup>2</sup>	\$400.00	\$999.00(I)	NA	\$520.00	\$475.00	\$425.00	1PQEK
(q) Per 10 Mbps <sup>1</sup>	450.00	675.00(I)	NA	175.00	155.00	140.00	1PQEH
(r) Per 100 Mbps <sup>1</sup>	450.00	729.00(I)	NA	210.00	190.00	170.00	1PQEJ
(s) Per Fractional 1000 Mbps <sup>1</sup>							
- 50 Mbps	450.00	702.00(I)	NA	190.00	170.00	150.00	1PQEM
- 150 Mbps	450.00	756.00(I)	NA	230.00	210.00	190.00	1PQEN
- 300 Mbps	450.00	810.00(I)	NA	300.00	280.00	260.00	1PQER
- 450 Mbps	450.00	864.00(I)	NA	340.00	310.00	290.00	1PQES
- 600 Mbps	450.00	945.00(I)	NA	380.00	340.00	320.00	1PQET
(t) Per Fibre Connection (FICON™) (21 STS-1)	500.00	1,093.00(I)	NA	570.00	520.00	470.00	1PQGA
(u) Per Fibre Connection (FICON™) (24c STS-1)	500.00	1,093.00(I)	NA	570.00	520.00	470.00	1PQGB
(v) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	1,728.00(I)	NA	1,060.00	970.00	840.00	1PQGC
(w) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	1,728.00(I)	NA	1,060.00	970.00	840.00	1PQGD
(x) Per Fibre Channel 100 (21 STS-1)	500.00	1,120.00(I)	NA	580.00	530.00	480.00	1PQGE
(y) Per Fibre Channel 100 (24c STS-1)	500.00	1,120.00(I)	NA	580.00	530.00	480.00	1PQGF
(z) Per Fibre Channel 200 (48 STS-1)	520.00	1,836.00(I)	NA	1,130.00	1,030.00	890.00	1PQGG
(aa) Per Fibre Channel 200 (48c STS-1)	520.00	1,836.00(I)	NA	1,130.00	1,030.00	890.00	1PQGH

**Note 1:** Available only for systems installed on or after December 20, 2004, that do not contain an Optical Customer Termination or an 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 2:** Available only for systems installed on or after October 30, 2003 that do not contain an Optical Customer Termination or an Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

Material appearing on this page previously appeared on page(s) 39 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**

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

1. Local Channel Mileage Rates

(All Capacities)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
(a) Per Local Channel	\$500.00	\$-	\$-	\$-	\$-	\$-	1HVXX
(b) Per quarter air mile	-	141.00(I)	112.00(I)	\$83.00	\$73.00	\$68.00	1HVAX
2. Alternate Central Office Channel Mileage Rates (All capacities)							
(a) Alternate C.O. Channel, per channel	500.00	-	-	-	-	-	1HAXX
(b) Per quarter air mile	-	924.00(I)	378.00(I)	280.00	175.00	140.00	1HAAX
3. Interoffice Channel Mileage Rates							
(a) Fixed, OC-3 capacity	200.00	67.00(I)	48.00(I)	36.00	32.00	27.00	1HXFX
(b) Fixed, OC-12 capacity	200.00	195.00(I)	175.00(I)	130.00	115.00	105.00	1HXFX
(c) Per quarter air mile (OC-3 capacity)	-	74.00(I)	48.00(I)	36.00	30.00	23.00	1HXAX
(d) Per quarter air mile (OC-12 capacity)	-	74.00(I)	48.00(I)	36.00	30.00	23.00	1HXAX
(e) Fixed, OC-3+ capacity	200.00	195.00(I)	175.00(I)	130.00	115.00	105.00	1HXFX
(f) Fixed, OC-48 and OC-48+ capacity	200.00	459.00(I)	364.00(I)	270.00	260.00	250.00	1HXFX
(g) Fixed, OC-192 and OC-192+ capacity	200.00	1,039.00(I)	857.00(I)	635.00	610.00	590.00	1HXFX
(h) Per quarter air mile (OC-3+ capacity)	-	74.00(I)	48.00(I)	36.00	30.00	23.00	1HXAX
(i) Per quarter air mile (OC-48 and 48+ capacity)	-	74.00(I)	48.00(I)	36.00	30.00	23.00	1HXAX
(j) Per quarter air mile (OC-192 and OC192+ capacity)	-	74.00(I)	48.00(I)	36.00	30.00	23.00	1HXAX (N)

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

## 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)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
4. Internodal Channel Mileage Rates (All Capacities)							
(a) Per Internodal Channel, Same Wire Center area	\$500.00	-	-	-	-	-	1HNXX
(b) Per quarter air mile, Same Wire Center	-	\$2,423.00(I)	\$931.00(I)	\$690.00	\$415.00	\$345.00	1HNWX
(c) Per Internodal Channel, Same Office Park/Campus Environment in Contiguous Serving Wire Center areas	500.00	-	-	-	-	-	1HNZX
(d) Per quarter air mile, same Office Park/Campus Environment in contiguous Serving Wire Center areas	-	2,700.00(I)	1,053.00(I)	780.00	465.00	390.00	1HNCX
5. Customer Node (per Node)							
(a) OC-3 capacity	430.00	3,105.00(I)	1,336.00(I)	990.00	900.00	810.00	SHNC3
(b) OC-3+ capacity	430.00	3,645.00(I)	2,490.00(I)	1,845.00	1,575.00	1,350.00	SHNN5
(c) OC-12 capacity	460.00	4,846.00(I)	2,673.00(I)	1,980.00	1,800.00	1,575.00	SHNC1
(d) OC-48 capacity	460.00	7,047.00(I)	5,953.00(I)	4,410.00	4,050.00	3,510.00	SHNN8
(e) OC-48+ capacity	460.00	7,897.00(I)	5,953.00(I)	4,410.00	4,050.00	3,510.00	SHNN9
(f) OC-192 capacity	540.00	33,750.00(I)	12,656.00(I)	9,375.00	8,250.00	7,300.00	SHNN6
(g) OC-192+ capacity	540.00	33,750.00(I)	12,656.00(I)	9,375.00	8,250.00	7,300.00	SHNN2

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

## 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	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
(a) Per DS1	\$185.00	\$60.00(I)	\$45.00(I)	\$34.00	\$27.00	\$25.00	SHNBB
(b) Per DS3	145.00	229.00(I)	182.00(I)	135.00	130.00	125.00	SHNZT
(c) Per STS-1	190.00	297.00(I)	229.00(I)	170.00	150.00	140.00	SHN13
(d) Per OC-3, 2 fiber	190.00	344.00(I)	256.00(I)	190.00	170.00	160.00	SHN1D
(e) Per OC-3, 4 fiber	190.00	695.00(I)	513.00(I)	380.00	340.00	320.00	SHN15
(f) Per OC-12, 2 fiber	340.00	1,005.00(I)	695.00(I)	515.00	475.00	440.00	SHN1F
(g) Per OC-12, 4 fiber	340.00	2,011.00(I)	1,390.00(I)	1,030.00	950.00	880.00	SHN19
(h) Per OC-48, 2 fiber	420.00	2,160.00(I)	1,788.00(I)	1,325.00	1,215.00	1,050.00	SHN1A
(i) Per OC-48, 4 fiber	420.00	4,320.00(I)	3,577.00(I)	2,650.00	2,430.00	2,100.00	SHN1B
(j) Per OC-192, 2 fiber	1,600.00	10,125.00(I)	6,480.00(I)	4,800.00	3,300.00	2,850.00	SHNE1
(k) Per OC-192, 4 fiber	1,600.00	20,250.00(I)	12,960.00(I)	9,600.00	6,600.00	5,700.00	SHNE2
(l) Per DS1 within an STS-1 Asymmetrical Arrangement	330.00	33.00(I)	29.00(I)	22.00	20.00	18.00	SHNBS
(m) Per DS3 (Asymmetrical with DS1)	360.00	742.00(I)	607.00(I)	450.00	400.00	350.00	SHN1T
(n) Per 10 Mbps	450.00	675.00(I)	236.00(I)	175.00	155.00	140.00	SHN1M
(o) Per 100 Mbps (3 STS-1) – Electrical	450.00	729.00(I)	283.00(I)	210.00	190.00	170.00	SHN1N
(p) Per 100 Mbps (3 STS-1) – Optical 1310 nm Single-mode	450.00	729.00(I)	283.00(I)	210.00	190.00	170.00	SHN3N

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

## 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) (Cont'd)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
(q) Per Fractional 1000 Mbps							
- 50 Mbps 850 nm Multi-mode – 1 STS-1	\$450.00	\$702.00(I)	\$256.00(I)	\$190.00	\$170.00	\$150.00	SHN10
- 50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	702.00(I)	256.00(I)	190.00	170.00	150.00	SHN30
- 150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHN1P
- 150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHN3P
- 150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHN3J
- 150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHN3L
- 300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHN1R
- 300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHN3R
- 300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHN3M
- 300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHN3Q
- 450 Mbps 850 nm Multi-mode – 9c STS-1	450.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHN1U
- 450 Mbps 1310 nm Single-mode – 9c STS-1	450.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHN3U
- 450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHN3T
- 450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHN39
- 600 Mbps 850 nm Multi-mode – 12c STS-1	450.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHN1V
- 600 Mbps 1310 nm Single-mode – 12c STS-1	450.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHN3V
- 600 Mbps 850 nm Multi-mode – 12 STS-1	450.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHNBY
- 600 Mbps 1310 nm Single-mode – 12 STS-1	450.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHNBZ
- 1000 Mbps 850 nm Multi-mode – 21 STS-1	400.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHN1K
- 1000 Mbps 1310 nm Single-mode – 21 STS-1	400.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHN3K
- 1000 Mbps 850 nm Multi-mode – 24c STS-1	400.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHN3G
- 1000 Mbps 1310 nm Single-mode – 24c STS-1	400.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHN3H
(r) Per Flex DS1	360.00	60.00(I)	45.00(I)	34.00	27.00	25.00	SHN1Q
(s) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	675.00(I)	236.00(I)	175.00	155.00	140.00	SHN1J
(t) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	729.00(I)	283.00(I)	210.00	190.00	170.00	SHN33
(u) Per 1000 Mbps Metro Ethernet Backbone	850.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHN34
(v) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 150 Mbps (3 STS-1)	850.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHN35
- 300 Mbps (6 STS-1)	850.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHN36
- 450 Mbps (9 STS-1)	850.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHN37
- 600 Mbps (12 STS-1)	850.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHN38

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

## 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) (Cont'd)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
(w) Per Fiber Connection (FICON) (21 STS-1)	\$500.00	\$1,093.00(I)	\$769.00(I)	\$570.00	\$520.00	\$470.00	SHNBC
(x) Per Fiber Connection (FICON) (24c STS-1)	500.00	1,093.00(I)	769.00(I)	570.00	520.00	470.00	SHNBD
(y) Per Fiber Connection (FICON) Express (48 STS-1)	520.00	1,728.00(I)	1,431.00(I)	1,060.00	970.00	840.00	SHNBE
(z) Per Fiber Connection (FICON) Express (48c STS-1)	520.00	1,728.00(I)	1,431.00(I)	1,060.00	970.00	840.00	SHNBF
(aa) Per Fiber Channel 100 (21 STS-1)	500.00	1,120.00(I)	783.00(I)	580.00	530.00	480.00	SHNBG
(ab) Per Fiber Channel 100 (24c STS-1)	500.00	1,120.00(I)	783.00(I)	580.00	530.00	480.00	SHNBH
(ac) Per Fiber Channel 200 (48 STS-1)	520.00	1,836.00(I)	1,525.00(I)	1,130.00	1,030.00	890.00	SHNBK
(ad) Per Fiber Channel 200 (48c STS-1)	520.00	1,836.00(I)	1,525.00(I)	1,130.00	1,030.00	890.00	SHNBK
7. Central Office Node (per Node)							
(a) OC-3 capacity	400.00	1,890.00(I)	1,336.00(I)	990.00	900.00	810.00	SHNH3
(b) OC-3+ capacity	400.00	3,037.00(I)	2,490.00(I)	1,845.00	1,575.00	1,350.00	SHNH5
(c) OC-12 capacity	460.00	3,618.00(I)	2,673.00(I)	1,980.00	1,800.00	1,575.00	SHNH1
(d) OC-48 capacity	460.00	6,561.00(I)	5,953.00(I)	4,410.00	4,050.00	3,510.00	SHNH8
(e) OC-48+ capacity	460.00	7,411.00(I)	5,953.00(I)	4,410.00	4,050.00	3,510.00	SHNH9
(f) OC-192 capacity	540.00	33,750.00(I)	12,656.00(I)	9,375.00	8,250.00	7,300.00	SHNH7
(g) OC-192+ capacity	540.00	33,750.00(I)	12,656.00(I)	9,375.00	8,250.00	7,300.00	SHNH6
(h) OC-3 Shared Node Interconnection	550.00	1,323.00(I)	931.00(I)	690.00	630.00	570.00	SHNHA
(i) OC-12 Shared Node Interconnection	550.00	2,457.00(I)	1,876.00(I)	1,390.00	1,260.00	1,100.00	SHNHB
(j) OC-48 Shared Node Interconnection	550.00	4,590.00(I)	3,888.00(I)	2,880.00	2,840.00	2,460.00	SHNHC
(k) OC-48+ Shared Node Interconnection	550.00	5,184.00(I)	3,888.00(I)	2,880.00	2,840.00	2,460.00	SHNHD

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

## 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 Central Office Node)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
(a) Per DS1	\$145.00	\$54.00(I)	\$40.00(I)	\$30.00	\$25.00	\$20.00	SHNCB
(b) Per DS3	210.00	155.00(I)	114.00(I)	85.00	80.00	75.00	SHNYT
(c) Per STS-1	210.00	202.00(I)	141.00(I)	105.00	100.00	90.00	SHNO2
(d) Per OC-3, 2 fiber	340.00	344.00(I)	256.00(I)	190.00	170.00	160.00	SHNCD
(e) Per OC-3, 4 fiber	340.00	695.00(I)	513.00(I)	380.00	340.00	320.00	SHNO4
(f) Per OC-12, 2 fiber	535.00	1,005.00(I)	695.00(I)	515.00	475.00	440.00	SHNCF
(g) Per OC-12, 4 fiber	535.00	2,011.00(I)	1,390.00(I)	1,030.00	950.00	880.00	SHNC9
(h) Per OC-48, 2 fiber	650.00	2,160.00(I)	1,788.00(I)	1,325.00	1,215.00	1,050.00	SHNCJ
(i) Per OC-48, 4 fiber	650.00	4,320.00(I)	3,577.00(I)	2,650.00	2,430.00	2,100.00	SHNCK
(j) Per OC-192, 2 fiber	1,600.00	10,125.00(I)	6,480.00(I)	4,800.00	3,300.00	2,850.00	SHNE3
(k) Per OC-192, 4 fiber	1,600.00	20,250.00(I)	12,960.00(I)	9,600.00	6,600.00	5,700.00	SHNE4
(l) Per 28 DS1 Channel System (DS3)	205.00	945.00(I)	742.00(I)	550.00	500.00	450.00	SHNW8
(m) Per 28 DS1 Channel System (STS-1)	205.00	1,012.00(I)	877.00(I)	650.00	600.00	575.00	SHNCS
(n) Per DS1 on 28 DS1 Channel System (DS3)	175.00	24.00(I)	16.00(I)	12.00	9.00	8.00	SHNCA
(o) Per DS1 on 28 DS1 Channel System (STS-1)	175.00	54.00(I)	47.00(I)	35.00	30.00	25.00	SHNCG
(p) Per DS1 within an STS-1 Asymmetrical Arrangement	360.00	33.00(I)	29.00(I)	22.00	20.00	18.00	SHNCH
(q) Per DS3 (Asymmetrical with DS1)	400.00	742.00(I)	607.00(I)	450.00	400.00	350.00	SHNCT
(r) Per 10 Mbps	450.00	675.00(I)	236.00(I)	175.00	155.00	140.00	SHNCM
(s) Per 100 Mbps (3 STS-1) - Electrical	450.00	729.00(I)	283.00(I)	210.00	190.00	170.00	SHNCN
(t) Per 100 Mbps (3 STS-1) - Optical	550.00	729.00(I)	283.00(I)	210.00	190.00	170.00	SHNDU

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.



## 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 Central Office Node) (Cont'd)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 <sup>1</sup> Months	49 to 72 <sup>1</sup> Months	73 to 96 <sup>1</sup> Months	USOC
(u) Per Fractional 1000 Mbps							
- 50 Mbps – 1 STS-1	\$450.00	\$702.00(I)	\$256.00(I)	\$190.00	\$170.00	\$150.00	SHNCO
- 150 Mbps – 3c STS-1	450.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHNCP
- 150 Mbps – 3 STS-1	450.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHNDV
- 300 Mbps – 6c STS-1	450.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHNCR
- 300 Mbps – 6 STS-1	450.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHNDX
- 450 Mbps – 9c STS-1	450.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHNCU
- 450 Mbps – 9 STS-1	450.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHNDY
- 600 Mbps – 12c STS-1	450.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHNCV
- 600 Mbps – 12 STS-1	450.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHNDZ
- 1000 Mbps – 21 STS-1	400.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHNCW
- 1000 Mbps – 24c STS-1	400.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHNDW
(v) Per Flex DS1	250.00	54.00(I)	40.00(I)	30.00	25.00	20.00	SHNCQ
(w) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	675.00(I)	236.00(I)	175.00	155.00	140.00	SHNOJ
(x) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	729.00(I)	283.00(I)	210.00	190.00	170.00	SHNCX
(y) Per 1000 Mbps Metro Ethernet Backbone	850.00	999.00(I)	702.00(I)	520.00	475.00	425.00	SHNC5
(z) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 150 Mbps (3 STS-1)	850.00	756.00(I)	310.00(I)	230.00	210.00	190.00	SHND5
- 300 Mbps (6 STS-1)	850.00	810.00(I)	405.00(I)	300.00	280.00	260.00	SHND6
- 450 Mbps (9 STS-1)	850.00	864.00(I)	459.00(I)	340.00	310.00	290.00	SHND7
- 600 Mbps (12 STS-1)	850.00	945.00(I)	513.00(I)	380.00	340.00	320.00	SHND8
(aa) Per Fiber Connection (FICON) (21 STS- 1)	500.00	1,093.00(I)	769.00(I)	570.00	520.00	470.00	SHNDB
(ab) Per Fiber Connection (FICON) (24c STS- 1)	500.00	1,093.00(I)	769.00(I)	570.00	520.00	470.00	SHNDC
(ac) Per Fiber Connection (FICON) Express (48 STS-1)	520.00	1,728.00(I)	1,431.00(I)	1,060.00	970.00	840.00	SHNDD
(ad) Per Fiber Connection (FICON) Express (48c STS-1)	520.00	1,728.00(I)	1,431.00(I)	1,060.00	970.00	840.00	SHNDE
(ae) Per Fiber Channel 100 (21 STS-1)	500.00	1,120.00(I)	783.00(I)	580.00	530.00	480.00	SHNDF
(af) Per Fiber Channel 100 (24c STS-1)	500.00	1,120.00(I)	783.00(I)	580.00	530.00	480.00	SHNDG
(ag) Per Fiber Channel 200 (48 STS-1)	520.00	1,836.00(I)	1,525.00(I)	1,130.00	1,030.00	890.00	SHNDH
(ah) Per Fiber Channel 200 (48c STS-1)	520.00	1,836.00(I)	1,525.00(I)	1,130.00	1,030.00	890.00	SHNDJ

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

**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>
	<b>\$365.00</b>	<b>SHRBC</b>

**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 Link Connection**

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 Months</b>	<b>24 to 48<sup>2</sup> Months</b>	<b>49 to 72<sup>2</sup> Months</b>	<b>73 to 96<sup>2</sup> Months</b>	<b>USOC</b>
(1) Per 10 Mbps Basic Shared Ethernet LAN Access Link - Electrical <sup>1</sup>	2,050.00	985.00(I)	337.00(I)	250.00	220.00	200.00	SHN1G
(2) Per 100 Mbps Basic Shared Ethernet LAN Access Link - Electrical <sup>1</sup>	2,050.00	1,053.00(I)	405.00(I)	300.00	280.00	250.00	SHN1H
(3) Per 100 Mbps Basic Shared Ethernet LAN Access Link – Optical 1310 nm Single-mode <sup>1</sup>	2,050.00	1,053.00(I)	405.00(I)	300.00	280.00	250.00	SHN1I
(4) Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical <sup>1</sup>							
- 50 Mbps 850 nm Multi-mode	2,050.00	1,012.00(I)	378.00(I)	280.00	250.00	240.00	SHN1S
- 50 Mbps 1310 nm Single-mode	2,050.00	1,012.00(I)	378.00(I)	280.00	250.00	240.00	SHN3S
- 150 Mbps 850 nm Multi-mode	2,050.00	1,093.00(I)	445.00(I)	330.00	300.00	280.00	SHN1W
- 150 Mbps 1310 nm Single-mode	2,050.00	1,093.00(I)	445.00(I)	330.00	300.00	280.00	SHN3W
- 300 Mbps 850 nm Multi-mode	2,050.00	1,174.00(I)	594.00(I)	440.00	410.00	380.00	SHN1X
- 300 Mbps 1310 nm Single-mode	2,050.00	1,174.00(I)	594.00(I)	440.00	410.00	380.00	SHN3X
- 450 Mbps 850 nm Multi-mode	2,050.00	1,255.00(I)	661.00(I)	490.00	450.00	420.00	SHN1Y
- 450 Mbps 1310 nm Single-mode	2,050.00	1,255.00(I)	661.00(I)	490.00	450.00	420.00	SHN3Y
- 600 Mbps 850 nm Multi-mode	2,050.00	1,377.00(I)	742.00(I)	550.00	490.00	460.00	SHN1Z
- 600 Mbps 1310 nm Single-mode	2,050.00	1,377.00(I)	742.00(I)	550.00	490.00	460.00	SHN3Z
- 1000 Mbps 850 nm Multi-mode	2,050.00	1,512.00(I)	877.00(I)	650.00	590.00	560.00	SHNJA
- 1000 Mbps 1310 nm Single-mode	2,050.00	1,512.00(I)	877.00(I)	650.00	590.00	560.00	SHNKA

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

**Note 2:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.

**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)**

**12. Basic Shared Ethernet LAN Access Link (Cont'd)**

**(b) Metro Ethernet Access Link Connection**

	<b>Nonrecurring Charge</b>	<b>Month to Month</b>	<b>12 Months</b>	<b>24 to 48<sup>1</sup> Months</b>	<b>49 to 72<sup>1</sup> Months</b>	<b>73 to 96<sup>1</sup> Months</b>	<b>USOC</b>
(1) Per Fractional 1000 Mbps Access Link – Metro Ethernet Customer Premises							
- 150 Mbps 850 nm Multi-mode	\$2,050.00	\$1,323.00(I)	\$1,080.00(I)	\$800.00	\$500.00	\$400.00	SHNMA
- 150 Mbps 1310 nm Single-mode	2,050.00	1,323.00(I)	1,080.00(I)	800.00	500.00	400.00	SHNSA
- 300 Mbps 850 nm Multi-mode	2,050.00	1,647.00(I)	1,255.00(I)	930.00	580.00	540.00	SHNMB
- 300 Mbps 1310 nm Single-mode	2,050.00	1,647.00(I)	1,255.00(I)	930.00	580.00	540.00	SHNSB
- 450 Mbps 850 nm Multi-mode	2,050.00	1,768.00(I)	1,336.00(I)	990.00	630.00	590.00	SHNMC
- 450 Mbps 1310 nm Single-mode	2,050.00	1,768.00(I)	1,336.00(I)	990.00	630.00	590.00	SHNSC
- 600 Mbps 850 nm Multi-mode	2,050.00	1,930.00(I)	1,451.00(I)	1,075.00	690.00	650.00	SHNMD
- 600 Mbps 1310 nm Single-mode	2,050.00	1,930.00(I)	1,451.00(I)	1,075.00	690.00	650.00	SHNSD
- 1000 Mbps 850 nm Multi-mode	2,050.00	2,119.00(I)	1,620.00(I)	1,200.00	830.00	790.00	SHNME
- 1000 Mbps 1310 nm Single-mode	2,050.00	2,119.00(I)	1,620.00(I)	1,200.00	830.00	790.00	SHNSE
(2) Per Fractional 1000 Mbps Access Link – Metro Ethernet Central Office							
- 150 Mbps	2,050.00	1,323.00(I)	1,080.00(I)	800.00	500.00	400.00	SHNOA
- 300 Mbps	2,050.00	1,647.00(I)	1,255.00(I)	930.00	580.00	540.00	SHNOB
- 450 Mbps	2,050.00	1,768.00(I)	1,336.00(I)	990.00	630.00	590.00	SHNOC
- 600 Mbps	2,050.00	1,930.00(I)	1,451.00(I)	1,075.00	690.00	650.00	SHNOD
- 1000 Mbps	2,050.00	2,119.00(I)	1,620.00(I)	1,200.00	830.00	790.00	SHNOE
13. Virtual Packet Ring Rearrangement Charge							

	<b>Monthly Rate</b>	<b>Nonrecurring Charge</b>		<b>USOC</b>
		<b>Initial</b>	<b>Subsequent</b>	
(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	-	-	\$500.00	SHNRP

**Note 1:** All term plans for SMARTRing Service which are established, renewed or extended after December 13, 2013, for term lengths which are scheduled to expire at any time after February 1, 2019, will instead expire on February 1, 2019. All such services provided on or after February 1, 2019 will be provided on a Month-to-Month (MTM) basis at the applicable, then-current MTM rates. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established after July 15, 2017.

Effective December 1, 2021, Payment Plans greater than 12 Months are no longer available for new or renewing subscribers.