

TARIFF DISTRIBUTION

FILE PACKAGE NO.: TN-24-0022

DATE: September 15, 2024

STATE: TENNESSEE

EFFECTIVE DATE: 09/15/2024

TYPE OF DISTRIBUTION: Approved

PURPOSE: Business SMARTring Service - 12 month and
month-to-month rate increase

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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.

	Nonrecurring Charge	Month to Month	12 Months	24 to 48^{2,3} Months	49 to 72² Months	73 to 96² Months	USOC
1. LightGate 1 Basic System ¹							
(a) Per System	\$300.00	\$76,675.00	\$2,897.00	\$1,590.00	\$1,440.00	\$1,290.00	HFSC7
2. LightGate STS-1 Basic System ¹							
(a) Per System	700.00	3,771.00(I)	2,897.00(I)	1,590.00	1,440.00	1,290.00	HFST1
3. LightGate OC-3 Basic System ¹							
(a) Per System	700.00	6,743.00(I)	NA	3,100.00	2,800.00	2,500.00	HFSO3
(b) Per System with Optical Customer Termination	700.00	4,432.00(I)	NA	1,968.00	1,776.00	1,584.00	HFSOC
(c) Per System with Optical Serving Wire Center Termination	700.00	4,432.00(I)	NA	1,968.00	1,776.00	1,584.00	HFSOW
4. LightGate OC-12 Basic System ¹							
(a) Per System	700.00	10,023.00(I)	NA	5,100.00	4,600.00	4,150.00	HFS12
(b) Per System with Optical Customer Termination	700.00	6,998.00(I)	NA	3,504.00	3,200.00	2,880.00	HFS1C
(c) Per System with Optical Serving Wire Center Termination	700.00	6,998.00(I)	NA	3,504.00	3,200.00	2,880.00	HFS1W
5. LightGate OC-48 Basic System ¹							
(a) Per System	700.00	23,692.00(I)	NA	11,000.00	10,000.00	9,000.00	HFS48
(b) Per System with Optical Customer Termination	700.00	14,580.00(I)	NA	7,040.00	6,400.00	5,760.00	HFS4C
(c) Per System with Optical Serving Wire Center Termination	700.00	14,580.00(I)	NA	7,040.00	6,400.00	5,760.00	HFS4W
6. LightGate OC-192 Basic System ¹							
(a) Per System	700.00	47,385.00(I)	NA	20,000.00	18,000.00	16,000.00	HFST2

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 ^{3,4} Months	49 to 72 ³ Months	73 to 96 ³ Months	USOC
7. Central Office Channel Interfaces							
(a) Per DS1	\$125.00	\$ 43.00(I)	\$36.00(I)	\$ 20.00	\$ 17.00	\$ 16.00	1PQE8
(b) Per DS3	125.00	3,838.00	172.00	95.00	90.00	85.00	1PQE3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	911.00(I)	NA	390.00	365.00	350.00	1PQEG
(d) Per STS-1	125.00	318.00(I)	NA	140.00	130.00	120.00	1PQE4
(e) Per OC-3 (2 Fiber)	200.00	437.00(I)	NA	190.00	175.00	160.00	1PQE5
(f) Per OC-3 (4 Fiber)	200.00	773.00(I)	NA	330.00	300.00	270.00	1PQE6
(g) Per OC-12 (2 Fiber)	360.00	1,166.00(I)	NA	495.00	450.00	405.00	1PQEE
(h) Per OC-12 (4 Fiber)	400.00	2,332.00(I)	NA	990.00	900.00	810.00	1PQED
Per OC-48 (2 Fiber)	500.00	2,916.00(I)	NA	1,325.00	1,215.00	1,050.00	1PQEO
(j) Per OC-48 (4 Fiber)	500.00	5,832.00(I)	NA	2,650.00	2,430.00	2,100.00	1PQEF
(k) Per 28 DS1 Channel System	125.00	1,093.00(I)	NA	490.00	465.00	450.00	MQ3CO
(l) Per DS1 on 28 DS1 Channel System	125.00	27.00(I)	13.00(I)	8.00	7.00	6.00	1PQEA
(m) Per STS-1 Channel System	125.00	1,093.00(I)	NA	490.00	465.00	450.00	1PQE7
(n) Per OC-3 Channel System	125.00	2,413.00(I)	NA	1,100.00	1,000.00	900.00	1PQE9
(o) Per OC-12 Channel System	125.00	4,828.00(I)	NA	2,200.00	2,000.00	1,800.00	1PQI2
(p) Per OC-48 Channel System	125.00	10,004.00(I)	NA	4,410.00	4,050.00	3,510.00	1PQ48
(q) Per 10 Mbps ²	450.00	911.00(I)	NA	175.00	155.00	140.00	1PQEH
(r) Per 100 Mbps (3 STS-1) - Electrical ²	450.00	984.00(I)	NA	210.00	190.00	170.00	1PQEJ
(s) Per 100 Mbps (3 STS-1) - Optical	550.00	984.00(I)	NA	210.00	190.00	170.00	1PQDJ
(t) Per Fractional 1000 Mbps ²							
- 50 Mbps – 1 STS-1	450.00	947.00(I)	NA	190.00	170.00	150.00	1PQEM
- 150 Mbps – 3c STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQEN
- 150 Mbps – 3 STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQDN
- 300 Mbps – 6c STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQER
- 300 Mbps – 6 STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQDR
- 450 Mbps – 9c STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQES
- 450 Mbps – 9 STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQDS
- 600 Mbps – 12c STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQET
- 600 Mbps – 12 STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQDT
- 1000 Mbps – 21 STS-1	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQEK
- 1000 Mbps – 24c STS-1	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQEW
(u) Per Flex DS1	130.00	43.00(I)	NA	20.00	17.00	16.00	1PQEQ

Note 1: Available only for systems installed on or after November 28, 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 9, 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)

7. Central Office Channel Interfaces (Cont'd)

		Nonrecurring Charge	Month to Month	12 Months	24 to 48 ¹ Months	49 to 72 ¹ Months	73 to 96 ¹ Months	USOC
(v)	Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	\$800.00	\$ 911.00(I)	NA	\$ 175.00	\$ 155.00	\$ 140.00	1PQEU
(w)	Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	984.00(I)	NA	210.00	190.00	170.00	1PQEY
(x)	Per 1000 Mbps Metro Ethernet Backbone	850.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQEZ
(y)	Per Fractional 1000 Mbps Metro Ethernet Backbone							
	- 150 Mbps (3 STS-1)	850.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQD5
	- 300 Mbps (6 STS-1)	850.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQD6
	- 450 Mbps (9 STS-1)	850.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQD7
	- 600 Mbps (12 STS-1)	850.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQD8
(z)	Per Fibre Connection (FICON™) (21 STS-1)	500.00	1,475.00(I)	NA	570.00	520.00	470.00	1PQGA
(aa)	Per Fibre Connection (FICON™) (24c STS-1)	500.00	1,475.00(I)	NA	570.00	520.00	470.00	1PQGB
(ab)	Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	2,332.00(I)	NA	1,060.00	970.00	840.00	1PQGC
(ac)	Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	2,332.00(I)	NA	1,060.00	970.00	840.00	1PQGD
(ad)	Per Fibre Channel 100 (21 STS-1)	500.00	1,512.00(I)	NA	580.00	530.00	480.00	1PQGE
(ae)	Per Fibre Channel 100 (24c STS-1)	500.00	1,512.00(I)	NA	580.00	530.00	480.00	1PQGF
(af)	Per Fibre Channel 200 (48 STS-1)	520.00	2,478.00(I)	NA	1,130.00	1,030.00	890.00	1PQGG
(ag)	Per Fibre Channel 200 (48c STS-1)	520.00	2,478.00(I)	NA	1,130.00	1,030.00	890.00	1PQGH

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)

8. Customer Channel Interfaces

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 ^{3,4} Months	49 to 72 ³ Months	73 to 96 ³ Months	USOC
(a) Per DS1	\$170.00	\$ 43.00(I)	\$36.00(I)	\$ 20.00	\$ 17.00	\$ 16.00	1PQF1
(b) Per DS3	125.00	3,838.00	172.00	95.00	90.00	85.00	1PQF3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	280.00	911.00(I)	NA	390.00	365.00	350.00	1PQF3
(d) Per STS-1	125.00	437.00(I)	NA	195.00	185.00	175.00	1PQF4
(e) Per OC-3 (2 Fiber)	125.00	437.00(I)	NA	190.00	175.00	160.00	1PQF5
(f) Per OC-3 (4 Fiber)	125.00	865.00(I)	NA	380.00	350.00	320.00	1PQF6
(g) Per OC-12 (2 Fiber)	275.00	1,302.00(I)	NA	570.00	525.00	480.00	1PQF8
(h) Per OC-12 (4 Fiber)	275.00	2,605.00(I)	NA	1,140.00	1,050.00	960.00	1PQF7
Per OC-48 (2 Fiber)	300.00	2,916.00(I)	NA	1,325.00	1,215.00	1,050.00	1PQF2
(j) Per OC-48 (4 Fiber)	300.00	5,832.00(I)	NA	2,650.00	2,430.00	2,100.00	1PQFO
(k) Per 10 Mbps ¹	450.00	911.00(I)	NA	175.00	155.00	140.00	1PQFH
(l) Per 100 Mbps (3 STS-1) – Electrical ¹	450.00	984.00(I)	NA	210.00	190.00	170.00	1PQFJ
(m) Per 100 Mbps (3 STS-1) – 1310 nm Single-mode ¹	450.00	984.00(I)	NA	210.00	190.00	170.00	1PQ3J
(n) Per Fractional 1000 Mbps ²							
- 50 Mbps 850 nm Multi-mode – 1 STS-1	450.00	947.00(I)	NA	190.00	170.00	150.00	1PQFM
- 50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	947.00(I)	NA	190.00	170.00	150.00	1PQ3M
- 150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQFN
- 150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQ3N
- 150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQJN
- 150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQKN
- 300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQFR
- 300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQ3R
- 300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQJR
- 300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQKR
- 450 Mbps 850 nm Multi-mode - 9c STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQFS
- 450 Mbps 1310 nm Single-mode - 9c STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQ3S
- 450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQJS
- 450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQKS
- 600 Mbps 850 nm Multi-mode – 12c STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQFT
- 600 Mbps 1310 nm Single-mode – 12c STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQ3T
- 600 Mbps 850 nm Multi-mode – 12 STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQJT
- 600 Mbps 1310 nm Single -mode – 12 STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQKT
- 1000 Mbps 850 nm Multi-mode – 21 STS-12	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQFK
- 1000 Mbps 1310 nm Single-mode – 21 STS-12	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQ3K
- 1000 Mbps 850 nm Multi-mode – 24c STS-12	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQFP
- 1000 Mbps 1310 nm Single -mode – 24c STS-12	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQ3P
(o) Per Flex DS1	260.00	43.00(I)	NA	20.00	17.00	16.00	1PQFQ

Note 1: Available only for systems installed on or after November 28, 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 9, 2004, that do not contain an Optical Customer Termination or an Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional1000 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)

8. Customer Channel Interfaces (Cont'd)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48¹ Months	49 to 72¹ Months	73 to 96¹ Months	USOC
(p) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	\$800.00	\$911.00(I)	NA	\$175.00	\$155.00	\$140.00	1PQFU
(q) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	984.00(I)	NA	210.00	190.00	170.00	1PQFY
(r) Per 1000 Mbps Metro Ethernet Backbone	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQFZ
(s) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 150 Mbps (3 STS-1)	850.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQ35
- 300 Mbps (6 STS-1)	850.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQ36
- 450 Mbps (9 STS-1)	850.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQ37
- 600 Mbps (12 STS-1)	850.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQ38
(t) Per Fibre Connection (FICON™) (21 STS-1)	500.00	1,475.00(I)	NA	570.00	520.00	470.00	1PQFA
(u) Per Fibre Connection (FICON™) (24c STS-1)	500.00	1,475.00(I)	NA	570.00	520.00	470.00	1PQFC
(v) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	2,332.00(I)	NA	1,060.00	970.00	840.00	1PQFD
(w) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	2,332.00(I)	NA	1,060.00	970.00	840.00	1PQFE
(x) Per Fibre Channel 100 (21 STS-1)	500.00	1,512.00(I)	NA	580.00	530.00	480.00	1PQFF
(y) Per Fibre Channel 100 (24c STS-1)	500.00	1,512.00(I)	NA	580.00	530.00	480.00	1PQFW
(z) Per Fibre Channel 200 (48 STS-1)	520.00	2,478.00(I)	NA	1,130.00	1,030.00	890.00	1PQ3A
(aa) Per Fibre Channel 200 (48c STS-1)	520.00	2,478.00(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.

B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.5 Rates and Charges (Cont'd)

B. LightGate service Local Channel Mileage¹

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^{2,3} Months	49 to 72² Months	73 to 96² Months	USOC
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	\$8,313.00	\$345.00	\$190.00	\$170.00	\$150.00	1LPEA
C. Separate Alternate Facility Transport (SAFT) ¹							
1. SAFT Level I							
(a) Per System	\$770.00						1L8EA
(b) Per one-half air mile		318.00(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		3,645.00(I)	NA	800.00	640.00	520.00	1L8SP
D. Interoffice Channels (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)							
1. LightGate 1 service ¹							
(a) Per DS3							
(1) 0-8 miles							
(a) Fixed	190.00	52,953.00	1,776.00	975.00	775.00	625.00	1LPS8
(b) Per Mile		4,766.00	126.00	70.00	60.00	50.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	59,255.00	2,049.00	1,125.00	925.00	775.00	1LPS9
(b) Per Mile		4,766.00	126.00	70.00	60.00	50.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	69,288.00	2,413.00	1,325.00	1,125.00	925.00	1LPS6
(b) Per Mile		4,766.00	126.00	70.00	60.00	50.00	1LPE6
2. LightGate STS-1 service ¹							
(a) Per STS-1							
(1) 0-8 miles							
(a) Fixed	190.00	2,605.00(I)	1,776.00(I)	975.00	775.00	625.00	1LPS8
(b) Per Mile		236.00(I)	126.00(I)	70.00	60.00	50.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	2,916.00(I)	2,049.00(I)	1,125.00	925.00	775.00	1LPS9
(b) Per Mile		236.00(I)	126.00(I)	70.00	60.00	50.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	3,407.00(I)	2,413.00(I)	1,325.00	1,125.00	925.00	1LPS6
(b) Per Mile		236.00(I)	126.00(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.)

	Nonrecurring Charge	Month to Month	12 Months	24 to 48² Months	49 to 72² Months	73 to 96² Months	USOC
3. LightGate OC-3 service ¹							
a. Per OC-3							
(1) 0-8 miles							
(a) Fixed	\$190.00	\$ 3,827.00(I)	NA	\$1,475.00	\$1,225.00	\$1,025.00	1LPS8
(b) Per Mile		409.00(I)	NA	155.00	140.00	125.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	4,738.00(I)	NA	2,150.00	2,000.00	1,900.00	1LPS9
(b) Per Mile		409.00(I)	NA	155.00	140.00	125.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	6,561.00(I)	NA	3,150.00	2,900.00	2,700.00	1LPS6
(b) Per Mile		409.00(I)	NA	155.00	140.00	125.00	1LPE6
4. LightGate OC-12 service ¹							
(a) Per OC-12							
(1) 0-8 miles							
(a) Fixed	190.00	7,290.00(I)	NA	3,300.00	3,000.00	2,700.00	1LPS8
(b) Per Mile		729.00(I)	NA	320.00	290.00	260.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	10,023.00(I)	NA	4,800.00	4,500.00	4,200.00	1LPS9
(b) Per Mile		729.00(I)	NA	320.00	290.00	260.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	13,122.00(I)	NA	6,500.00	6,200.00	5,900.00	1LPS6
(b) Per Mile		729.00(I)	NA	320.00	290.00	260.00	1LPE6
5. LightGate OC-48 service ¹							
(a) Per OC-48							
(1) 0-8 miles							
(a) Fixed	190.00	14,215.00(I)	NA	6,500.00	5,800.00	5,200.00	1LPS8
(b) Per Mile		1,093.00(I)	NA	500.00	450.00	400.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	15,855.00(I)	NA	7,300.00	6,700.00	6,100.00	1LPS9
(b) Per Mile		1,093.00(I)	NA	500.00	450.00	400.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	18,225.00(I)	NA	8,600.00	7,900.00	7,100.00	1LPS6
(b) Per Mile		1,093.00(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^{4,5} Months	49 to 72⁴ Months	73 to 96⁴ Months	USOC
6. LightGate OC-192 service ¹							
(a) Per OC-192							
(1) 0-8 miles							
(a) Fixed	\$190.00	\$34,627.00(I)	NA	\$15,500.00	\$13,800.00	\$12,500.00	1LPS8
(b) Per Mile		1,093.00(I)	NA	500.00	450.00	400.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	36,267.00(I)	NA	15,900.00	14,200.00	12,700.00	1LPS9
(b) Per Mile		1,093.00(I)	NA	500.00	450.00	400.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	40,095.00(I)	NA	17,700.00	15,800.00	14,100.00	1LPS6
(b) Per Mile		1,093.00(I)	NA	500.00	450.00	400.00	1LPE6
7. Central Office Channel Interfaces							
(a) Per DS1	125.00	43.00(I)	\$36.00(I)	20.00	17.00	16.00	1PQE8
(b) Per DS3	125.00	3,838.00	172.00	95.00	90.00	85.00	1PQE3
(c) Per STS-1	125.00	318.00(I)	NA	140.00	130.00	120.00	1PQE4
(d) Per OC-3 (2 Fiber)	200.00	437.00(I)	NA	190.00	175.00	160.00	1PQE5
(e) Per OC-3 (4 Fiber)	200.00	773.00(I)	NA	330.00	300.00	270.00	1PQE6
(f) Per OC-12 (2 Fiber)	360.00	1,166.00(I)	NA	495.00	450.00	405.00	1PQEE
(g) Per OC-12 (4 Fiber)	400.00	2,332.00(I)	NA	990.00	900.00	810.00	1PQED
(h) Per OC-48 (2 Fiber)	500.00	2,916.00(I)	NA	1,325.00	1,215.00	1,050.00	1PQEO
(i) Per OC-48 (4 Fiber)	500.00	5,832.00(I)	NA	2,650.00	2,430.00	2,100.00	1PQEF
(j) Per 28 DS1 Channel System	125.00	1,093.00(I)	NA	490.00	465.00	450.00	MQ3CO
(k) Per DS1 on 28 DS1 Channel System	125.00	27.00(I)	13.00(I)	8.00	7.00	6.00	1PQEA
(l) Per STS-1 Channel System	125.00	1,093.00(I)	NA	490.00	465.00	450.00	1PQE7
(m) Per OC-3 Channel System	125.00	2,413.00(I)	NA	1,100.00	1,000.00	900.00	1PQE9
(n) Per OC-12 Channel System	125.00	4,828.00(I)	NA	2,200.00	2,000.00	1,800.00	1PQ12
(o) Per OC-48 Channel System	125.00	10,004.00(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:** Available only for systems installed on or after November 28, 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 9, 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 4:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.
- Note 5:** 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 ³ Months	49 to 72 ³ Months	73 to 96 ³ Months	USOC
7. Central Office Channel Interfaces (Cont'd)							
(p) Per 10 Mbps ¹	\$450.00	\$911.00(I)	NA	\$175.00	\$155.00	\$140.00	1PQEH
(q) Per 100 Mbps (3-STS-1) – Electrical ¹	450.00	984.00(I)	NA	210.00	190.00	170.00	1PQEJ
(r) Per 100 Mbps (3 STS-1) - Optical	550.00	984.00(I)	NA	210.00	190.00	170.00	1PQDJ
(s) Per Fractional 1000 Mbps ¹							
- 50 Mbps – 1 STS-1	450.00	947.00(I)	NA	190.00	170.00	150.00	1PQEM
- 150 Mbps – 3c STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQEN
- 150 Mbps – 3 STS-1	450.00	1,020.00(I)	NA	230.00	210.00	190.00	1PQDN
- 300 Mbps – 6c STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQER
- 300 Mbps – 6 STS-1	450.00	1,093.00(I)	NA	300.00	280.00	260.00	1PQDR
- 450 Mbps – 9c STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQES
- 450 Mbps – 9 STS-1	450.00	1,166.00(I)	NA	340.00	310.00	290.00	1PQDS
- 600 Mbps – 12c STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQET
- 600 Mbps – 12 STS-1	450.00	1,275.00(I)	NA	380.00	340.00	320.00	1PQDT
- 1000 Mbps – 21 STS-1 ²	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQEK
- 1000 Mbps – 24c STS-1 ²	400.00	1,348.00(I)	NA	520.00	475.00	425.00	1PQEW
(t) Per Fibre Connection (FICON™) (21 STS-1)	500.00	1,475.00(I)	NA	570.00	520.00	470.00	1PQGA
(u) Per Fibre Connection (FICON™) (24c STS-1)	500.00	1,475.00(I)	NA	570.00	520.00	470.00	1PQGB
(v) Per Fibre Connection (FICON™) Express (48 STS-1)	520.00	2,332.00(I)	NA	1,060.00	970.00	840.00	1PQGC
(w) Per Fibre Connection (FICON™) Express (48c STS-1)	520.00	2,332.00(I)	NA	1,060.00	970.00	840.00	1PQGD
(x) Per Fibre Channel 100 (21 STS-1)	500.00	1,512.00(I)	NA	580.00	530.00	480.00	1PQGE
(y) Per Fibre Channel 100 (24c STS-1)	500.00	1,512.00(I)	NA	580.00	530.00	480.00	1PQGF
(z) Per Fibre Channel 200 (48 STS-1)	520.00	2,478.00(I)	NA	1,130.00	1,030.00	890.00	1PQGG
(aa) Per Fibre Channel 200 (48c STS-1)	520.00	2,487.00(I)	NA	1,130.00	1,030.00	890.00	1PQGH

Note 1: Available only for systems installed on or after January 7, 2005, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

Note 2: Available only for systems installed on or after December 2, 2003 that do not contain an 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: As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

B7. DIGITAL NETWORK SERVICE

B7.7 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)

	Nonrecurring Charge	Month To Month	12 Months	24 to 48¹ Months	49 to 72¹ Months	73 to 96¹ Months	USOC
1. Local Channel Mileage Rates (All Capacities)							
(a) Per Local Channel	\$500.00	-	-	-	-	-	1HVXX
(b) Per quarter air mile	-	\$ 172.00(I)	\$ 151.00(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	-	1,247.00(I)	510.00(I)	280.00	175.00	140.00	1HAAX
3. Interoffice Channel Mileage Rates							
(a) Fixed, OC-3 capacity	190.00	90.00(I)	64.00(I)	36.00	32.00	27.00	1HXFX
(b) (DELETED)							
(c) Fixed, OC-12 capacity	190.00	263.00(I)	236.00(I)	130.00	115.00	105.00	1HXFX
(d) Fixed, OC-48 and OC-48+ capacity	190.00	619.00(I)	491.00(I)	270.00	260.00	250.00	1HXFX
(e) Fixed, OC-192 and OC-192+ capacity	240.00	1,402.00(I)	1,156.00(I)	635.00	610.00	590.00	1HXFX
(f) Per quarter air mile (OC-3 capacity)	-	81.00(I)	58.00(I)	32.00	23.00	18.00	1HXAX
(g) (DELETED)							
(h) Per quarter air mile (OC-12 capacity)	-	90.00(I)	64.00(I)	36.00	30.00	23.00	1HXAX
(i) Per quarter air mile (OC-48 and 48+ capacity)	-	90.00(I)	64.00(I)	36.00	32.00	23.00	1HXAX
(j) Per quarter air mile (OC-192 and OC192+ capacity)	-	90.00(I)	64.00(I)	36.00	30.00	23.00	1HXAX
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	-	2,551.00(I)	974.00(I)	535.00	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	-	2,916.00(I)	1,183.00(I)	650.00	465.00	390.00	1HNCX
5. Customer Node (per Node)							
(a) OC-3 capacity	435.00	4,009.00(I)	1,803.00(I)	990.00	900.00	810.00	SHNC3
(b) (DELETED)							
(c) OC-12 capacity	455.00	6,196.00(I)	3,608.00(I)	1,980.00	1,800.00	1,575.00	SHNC1
(d) OC-48 capacity	455.00	9,513.00(I)	8,036.00(I)	4,410.00	4,050.00	3,510.00	SHNN8
(e) OC-48+ capacity	455.00	10,660.00(I)	8,036.00(I)	4,410.00	4,050.00	3,510.00	SHNN9
(f) OC-192 capacity	540.00	45,562.00(I)	17,085.00(I)	9,375.00	8,250.00	7,300.00	SHNN6
(g) OC-192+ capacity	540.00	45,562.00(I)	17,085.00(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 or 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 ¹ Months	49 to 72 ¹ Months	73 to 96 ¹ Months	USOC
(a) Per DS1	\$ 170.00	\$ 63.00(I)	\$ 54.00(I)	\$ 30.00	\$ 25.00	\$ 20.00	SHNBB
(b) Per DS3	135.00	309.00(I)	245.00(I)	135.00	130.00	125.00	SHNZT
(c) Per STS-1	190.00	400.00(I)	309.00(I)	170.00	150.00	140.00	SHN13
(d) Per OC-3, 2 fiber	190.00	464.00(I)	345.00(I)	190.00	170.00	160.00	SHN1D
(e) Per OC-3, 4 fiber	190.00	938.00(I)	692.00(I)	380.00	340.00	320.00	SHN15
(f) Per OC-12, 2 fiber	435.00	1,356.00(I)	938.00(I)	515.00	475.00	440.00	SHN1F
(g) Per OC-12, 4 fiber	435.00	2,714.00(I)	1,876.00(I)	1,030.00	950.00	880.00	SHN19
(h) Per OC-48, 2 fiber	420.00	2,916.00(I)	2,413.00(I)	1,325.00	1,215.00	1,050.00	SHN1A
(i) Per OC-48, 4 fiber	420.00	5,832.00(I)	4,828.00(I)	2,650.00	2,430.00	2,100.00	SHN1B
(j) Per OC-192, 2 fiber	1,600.00	13,668.00(I)	8,748.00(I)	4,800.00	3,300.00	2,850.00	SHNE1
(k) Per OC-192, 4 fiber	1,600.00	27,337.00(I)	17,496.00(I)	9,600.00	6,600.00	5,700.00	SHNE2
(l) Per DS1 within an STS-1 Asymmetrical Arrangement	330.00	44.00(I)	39.00(I)	22.00	20.00	18.00	SHNBS
(m) Per DS3 (Asymmetrical with DS1)	360.00	1,001.00(I)	819.00(I)	450.00	400.00	350.00	SHN1T
(C) Per 10 Mbps	450.00	911.00(I)	318.00(I)	175.00	155.00	140.00	SHN1M
(o) Per 100 Mbps (3 STS-1) – Electrical	450.00	984.00(I)	382.00(I)	210.00	190.00	170.00	SHN1N
(p) Per 100 Mbps (3 STS-1) – Optical 1310 nm Single-mode	450.00	984.00(I)	382.00(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 or 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 ¹ Months	49 to 72 ¹ Months	73 to 96 ¹ Months	USOC
(q) Per Fractional 1000 Mbps							
- 50 Mbps 850 nm Multi-mode – 1 STS-1	\$450.00	\$ 947.00(I)	\$345.00(I)	\$ 190.00	\$ 170.00	\$150.00	SHN1O
- 50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	947.00(I)	345.00(I)	190.00	170.00	150.00	SHN3O
- 150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHN1P
- 150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHN3P
- 150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHN3J
- 150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHN3L
- 300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHN1R
- 300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHN3R
- 300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHN3M
- 300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHN3Q
- 450 Mbps 850 nm Multi-mode – 9c STS-1	450.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHN1U
- 450 Mbps 1310 nm Single-mode – 9c STS-1	450.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHN3U
- 450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHN3T
- 450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHN39
- 600 Mbps 850 nm Multi-mode – 12c STS-1	450.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHN1V
- 600 Mbps 1310 nm Single-mode – 12c STS-1	450.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHN3V
- 600 Mbps 850 nm Multi-mode – 12 STS-1	450.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHNBY
- 600 Mbps 1310 nm Single-mode – 12 STS-1	450.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHNBZ
- 1000 Mbps 850 nm Multi-mode – 21 STS-1	400.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHN1K
- 1000 Mbps 1310 nm Single-mode – 21 STS-1	400.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHN3K
- 1000 Mbps 850 nm Multi-mode – 24c STS-1	400.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHN3G
- 1000 Mbps 1310 nm Single-mode – 24c STS-1	400.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHN3H
(r) Per Flex DS1	360.00	81.00(I)	60.00(I)	34.00	27.00	25.00	SHN1Q
(s) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	911.00(I)	318.00(I)	175.00	155.00	140.00	SHN1J
(t) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	984.00(I)	382.00(I)	210.00	190.00	170.00	SHN33
(u) Per 1000 Mbps Metro Ethernet Backbone	850.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHN34
(v) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 150 Mbps (3 STS-1)	850.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHN35
- 300 Mbps (6 STS-1)	850.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHN36
- 450 Mbps (9 STS-1)	850.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHN37
- 600 Mbps (12 STS-1)	850.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHN38
(w) Per Fibre Connection (FICON) (21 STS-1)	500.00	1,475.00(I)	1,038.00(I)	570.00	520.00	470.00	SHNBC
(x) Per Fibre Connection (FICON) (24c STS-1)	500.00	1,475.00(I)	1,038.00(I)	570.00	520.00	470.00	SHNBD
(y) Per Fibre Connection (FICON) Express (48 STS-1)	520.00	2,332.00(I)	1,931.00(I)	1,060.00	970.00	840.00	SHNBE
(z) Per Fibre Connection (FICON) Express (48c STS-1)	520.00	2,332.00(I)	1,931.00(I)	1,060.00	970.00	840.00	SHNBF
(aa) Per Fibre Channel 100 (21 STS-1)	500.00	1,512.00(I)	1,057.00(I)	580.00	530.00	480.00	SHNBG
(ab) Per Fibre Channel 100 (24c STS-1)	500.00	1,512.00(I)	1,057.00(I)	580.00	530.00	480.00	SHNBH
(ac) Per Fibre Channel 200 (48 STS-1)	520.00	2,478.00(I)	2,058.00(I)	1,130.00	1,030.00	890.00	SHNBK
(ad) Per Fibre Channel 200 (48c STS-1)	520.00	2,478.00(I)	2,058.00(I)	1,130.00	1,030.00	890.00	SHNBK

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 or 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 ¹ Months	49 to 72 ¹ Months	73 to 96 ¹ Months	USOC
7. Central Office Node (per Node)							
(a) OC-3 capacity	\$ 405.00	\$ 2,551.00(I)	\$ 1,803.00(I)	\$ 990.00	\$ 900.00	\$ 810.00	SHNH3
(b) (DELETED)							
(c) OC-12 capacity	455.00	4,738.00(I)	3,608.00(I)	1,980.00	1,800.00	1,575.00	SHNH1
(d) OC-48 capacity	455.00	8,857.00(I)	7,489.00(I)	4,110.00	4,050.00	3,510.00	SHNH8
(e) OC-48+ capacity	455.00	10,004.00(I)	7,489.00(I)	4,110.00	4,050.00	3,510.00	SHNH9
(f) OC-192 capacity	540.00	45,562.00(I)	17,085.00(I)	9,375.00	8,250.00	7,300.00	SHNH7
(g) OC-192+ capacity	540.00	45,562.00(I)	17,085.00(I)	9,375.00	8,250.00	7,300.00	SHNH6
(h) OC-3 Shared Node Interconnection	550.00	1,786.00(I)	1,256.00(I)	690.00	630.00	570.00	SHNHA
(i) OC-12 Shared Node Interconnection	550.00	3,316.00(I)	2,532.00(I)	1,390.00	1,260.00	1,100.00	SHNHB
(j) OC-48 Shared Node Interconnection	550.00	6,196.00(I)	5,248.00(I)	2,880.00	2,840.00	2,460.00	SHNHC
(k) OC-48+ Shared Node Interconnection	550.00	6,998.00(I)	5,248.00(I)	2,880.00	2,840.00	2,460.00	SHNHD
8. Central Office Channel Interface (per Central Office Node)							
(a) Per DS1	130.00	63.00(I)	54.00(I)	30.00	25.00	20.00	SHNCB
(b) Per DS3	195.00	209.00(I)	153.00(I)	85.00	80.00	75.00	SHNYT
(c) Per STS-1	195.00	272.00(I)	190.00(I)	105.00	100.00	90.00	SHNO2
(d) Per OC-3, 2 fiber	375.00	464.00(I)	345.00(I)	190.00	170.00	160.00	SHNCD
(e) Per OC-3, 4 fiber	375.00	938.00(I)	692.00(I)	380.00	340.00	320.00	SHNO4
(f) Per OC-12, 2 fiber	600.00	1,356.00(I)	938.00(I)	515.00	475.00	440.00	SHNCF
(g) Per OC-12, 4 fiber	600.00	2,714.00(I)	1,876.00(I)	1,030.00	950.00	880.00	SHNC9
(h) Per OC-48, 2 fiber	650.00	2,916.00(I)	2,413.00(I)	1,325.00	1,215.00	1,050.00	SHNCJ
(i) Per OC-48, 4 fiber	650.00	5,832.00(I)	4,828.00(I)	2,650.00	2,430.00	2,100.00	SHNCK
(j) Per OC-192, 2 fiber	1,600.00	13,668.00(I)	8,748.00(I)	4,800.00	3,300.00	2,850.00	SHNE3
(k) Per OC-192, 4 fiber	1,600.00	27,337.00(I)	17,496.00(I)	9,600.00	6,600.00	5,700.00	SHNE4
(l) Per 28 DS1 Channel System (DS3)	190.00	1,183.00(I)	1,001.00(I)	550.00	500.00	450.00	SHNW8
(m) Per 28 DS1 Channel System (STS-1)	190.00	1,366.00(I)	1,001.00(I)	550.00	500.00	450.00	SHNCS
(C) Per DS1 on 28 DS1 Channel System (DS3)	160.00	21.00(I)	13.00(I)	8.00	7.00	6.00	SHNCA
(o) Per DS1 on 28 DS1 Channel System (STS-1)	175.00	72.00(I)	63.00(I)	35.00	30.00	25.00	SHNCG
(p) Per DS1 within an STS-1 Asymmetrical Arrangement	360.00	44.00(I)	39.00(I)	22.00	20.00	18.00	SHNCH
(q) Per DS3 (Asymmetrical with DS1)	400.00	1,001.00(I)	819.00(I)	450.00	400.00	350.00	SHNCT
(r) Per 10 Mbps	450.00	911.00(I)	318.00(I)	175.00	155.00	140.00	SHNCM
(s) Per 100 Mbps (3 STS-1) - Electrical	450.00	984.00(I)	382.00(I)	210.00	190.00	170.00	SHNCN
(t) Per 100 Mbps (3 STS-1) - Optical	550.00	984.00(I)	382.00(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 or 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 Node) (Cont'd)**

	Nonrecurring Charge	Month to Month	12 Months	24 to 48¹ Months	49 to 72¹ Months	73 to 96¹ Months	USOC
(u) Per Fractional 1000 Mbps							
- 50 Mbps – 1 STS-1	\$450.00	\$947.00(I)	\$345.00(I)	\$190.00	\$170.00	\$150.00	SHNCO
- 150 Mbps – 3c STS-1	450.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHNCP
- 150 Mbps – 3 STS-1	450.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHNDV
- 300 Mbps – 6c STS-1	450.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHNCR
- 300 Mbps – 6 STS-1	450.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHNDX
- 450 Mbps – 9c STS-1	450.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHNCU
- 450 Mbps – 9 STS-1	450.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHNDY
- 600 Mbps – 12c STS-1	450.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHNCV
- 600 Mbps – 12 STS-1	450.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHNDZ
- 1000 Mbps – 21 STS-1	400.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHNCW
- 1000 Mbps – 24c STS-1	400.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHNDW
(v) Per Flex DS1	250.00	72.00(I)	54.00(I)	30.00	25.00	20.00	SHNCQ
(w) Per 100 Mbps (1 STS-1) Metro Ethernet Backbone	800.00	911.00(I)	318.00(I)	175.00	155.00	140.00	SHNOJ
(x) Per 100 Mbps (3 STS-1) Metro Ethernet Backbone	800.00	984.00(I)	382.00(I)	210.00	190.00	170.00	SHNCX
(y) Per 1000 Mbps Metro Ethernet Backbone	850.00	1,348.00(I)	947.00(I)	520.00	475.00	425.00	SHNC5
(z) Per Fractional 1000 Mbps Metro Ethernet Backbone							
- 150 Mbps (3 STS-1)	850.00	1,020.00(I)	418.00(I)	230.00	210.00	190.00	SHND5
- 300 Mbps (6 STS-1)	850.00	1,093.00(I)	546.00(I)	300.00	280.00	260.00	SHND6
- 450 Mbps (9 STS-1)	850.00	1,166.00(I)	619.00(I)	340.00	310.00	290.00	SHND7
- 600 Mbps (12 STS-1)	850.00	1,275.00(I)	692.00(I)	380.00	340.00	320.00	SHND8
(aa) Per Fibre Connection (FICON) (21 STS-1)	500.00	1,475.00(I)	1,038.00(I)	570.00	520.00	470.00	SHNDB
(ab) Per Fibre Connection (FICON) (24c STS-1)	500.00	1,475.00(I)	1,038.00(I)	570.00	520.00	470.00	SHNDC
(ac) Per Fibre Connection (FICON) Express (48 STS-1)	520.00	2,332.00(I)	1,931.00(I)	1,060.00	970.00	840.00	SHNDD
(ad) Per Fibre Connection (FICON) Express (48c STS-1)	520.00	2,332.00(I)	1,931.00(I)	1,060.00	970.00	840.00	SHNDE
(ae) Per Fibre Channel 100 (21 STS-1)	500.00	1,512.00(I)	1,057.00(I)	580.00	530.00	480.00	SHNDF
(af) Per Fibre Channel 100 (24c STS-1)	500.00	1,512.00(I)	1,057.00(I)	580.00	530.00	480.00	SHNDG
(ag) Per Fibre Channel 200 (48 STS-1)	520.00	2,478.00(I)	2,058.00(I)	1,130.00	1,030.00	890.00	SHNDH
(ah) Per Fibre Channel 200 (48c STS-1)	520.00	2,478.00(I)	2,058.00(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.

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B7. DIGITAL NETWORK SERVICE

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

B7.7.4 Rates and Charges (Cont'd)

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

9. Channel Interface Capacity Reallocation

(a) Per Node, Per occurrence

Nonrecurring Charge
\$410.00 **USOC**
SHRBC

10. Concatenation Rearrangement Charge

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

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

11. SMARTRing Service Rearrangement

(a) Surveillance, Per Node, per SMARTRing service -

- 255.00 SHNRR

(b) Reconfiguration, Per STS-1 group, per Node -

- 365.00 SHNR1

12. Basic Shared Ethernet LAN Access Link

(a) Customer Premises Access Link Connection

	Nonrecurring Charge	Month to Month	12 Months	24 to 48² Months	49 to 72² Months	73 to 96² Months	USOC
(1) Per 10 Mbps Basic Shared Ethernet LAN Access Link - Electrical ¹	\$2,050.00	\$ 1,329.00(I)	\$ 454.00(I)	\$ 250.00	\$ 220.00	\$ 200.00	SHN1G
(2) Per 100 Mbps Basic Shared Ethernet LAN Access Link - Electrical ¹	2,050.00	1,421.00(I)	1,421.00(I)	300.00	280.00	250.00	SHN1H
(3) Per 100 Mbps Basic Shared Ethernet LAN Access Link – Optical 1310 nm Single-mode ¹	2,050.00	1,421.00(I)	1,421.00(I)	300.00	280.00	250.00	SHN1I
(4) Per Fractional 1000 Mbps Basic Shared Ethernet LAN Access Link - Optical ¹							
- 50 Mbps 850 nm Multi-mode	2,050.00	1,366.00(I)	1,366.00(I)	280.00	250.00	240.00	SHN1S
- 50 Mbps 1310 nm Single-mode	2,050.00	1,366.00(I)	1,366.00(I)	280.00	250.00	240.00	SHN3S
- 150 Mbps 850 nm Multi-mode	2,050.00	1,475.00(I)	1,475.00(I)	330.00	300.00	280.00	SHN1W
- 150 Mbps 1310 nm Single-mode	2,050.00	1,475.00(I)	1,475.00(I)	330.00	300.00	280.00	SHN3W
- 300 Mbps 850 nm Multi-mode	2,050.00	1,584.00(I)	1,584.00(I)	440.00	410.00	380.00	SHN1X
- 300 Mbps 1310 nm Single-mode	2,050.00	1,584.00(I)	1,584.00(I)	440.00	410.00	380.00	SHN3X
- 450 Mbps 850 nm Multi-mode	2,050.00	1,694.00(I)	1,694.00(I)	490.00	450.00	420.00	SHN1Y
- 450 Mbps 1310 nm Single-mode	2,050.00	1,694.00(I)	1,694.00(I)	490.00	450.00	420.00	SHN3Y
- 600 Mbps 850 nm Multi-mode	2,050.00	1,858.00(I)	1,858.00(I)	550.00	490.00	460.00	SHN1Z
- 600 Mbps 1310 nm Single-mode	2,050.00	1,858.00(I)	1,858.00(I)	550.00	490.00	460.00	SHN3Z
- 1000 Mbps 850 nm Multi-mode	2,050.00	1,858.00(I)	2,041.00(I)	650.00	590.00	560.00	SHNJA
- 1000 Mbps 1310 nm Single-mode	2,050.00	1,858.00(I)	2,041.00(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.

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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)

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

(b) Metro Ethernet Access Link Connection

	Nonrecurring Charge	Month to Month	12 Months	24 to 48 ¹ Months	49 to 72 ¹ Months	73 to 96 ¹ Months	USOC
(1) Per Fractional 1000 Mbps Access Link – Metro Ethernet Customer Premises							
- 150 Mbps 850 nm Multi-mode	\$2,050.00	\$1,786.00(I)	\$1,458.00(I)	\$800.00	\$500.00	\$400.00	SHNMA
- 150 Mbps 1310 nm Single-mode	2,050.00	1,786.00(I)	1,458.00(I)	800.00	500.00	400.00	SHNSA
- 300 Mbps 850 nm Multi-mode	2,050.00	2,223.00(I)	1,694.00(I)	930.00	580.00	540.00	SHNMB
- 300 Mbps 1310 nm Single-mode	2,050.00	2,223.00(I)	1,694.00(I)	930.00	580.00	540.00	SHNSB
- 450 Mbps 850 nm Multi-mode	2,050.00	2,386.00(I)	1,803.00(I)	990.00	630.00	590.00	SHNMC
- 450 Mbps 1310 nm Single-mode	2,050.00	2,386.00(I)	1,803.00(I)	990.00	630.00	590.00	SHNSC
- 600 Mbps 850 nm Multi-mode	2,050.00	2,605.00(I)	1,958.00(I)	1,075.00	690.00	650.00	SHNMD
- 600 Mbps 1310 nm Single-mode	2,050.00	2,605.00(I)	1,958.00(I)	1,075.00	690.00	650.00	SHNSD
- 1000 Mbps 850 nm Multi-mode	2,050.00	2,860.00(I)	2,187.00(I)	1,200.00	830.00	790.00	SHNME
- 1000 Mbps 1310 nm Single-mode	2,050.00	2,860.00(I)	2,187.00(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	1,786.00(I)	1,458.00(I)	800.00	500.00	400.00	SHNOA
- 300 Mbps	2,050.00	2,223.00(I)	1,694.00(I)	930.00	580.00	540.00	SHNOB
- 450 Mbps	2,050.00	2,386.00(I)	1,803.00(I)	990.00	630.00	590.00	SHNOC
- 600 Mbps	2,050.00	2,605.00(I)	1,958.00(I)	1,075.00	690.00	650.00	SHNOD
- 1000 Mbps	2,050.00	2,860.00(I)	2,187.00(I)	1,200.00	830.00	790.00	SHNOE

13. Virtual Packet Ring Rearrangement Charge

	Monthly Rate	Nonrecurring Charge		USOC
		Initial	Subsequent	
(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

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