

TARIFF DISTRIBUTION

FILE PACKAGE NO.: TN-23-0016

DATE: May 3, 2023

STATE: TENNESSEE

EFFECTIVE DATE: 05/03/2023

TYPE OF DISTRIBUTION: Approved

PURPOSE: Business DS1 (MegaLink) and DS3 (LightGate)
12mo term increase

<u>TARIFF SECTION</u>	<u>PAGE NUMBER</u>	<u>PAGE REVISION</u>
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B7. DIGITAL NETWORK SERVICE

B7.1 MegaLink Service (Cont'd)

B7.1.3 Rates and Charges

A. A Digital Local Channel is furnished between a Serving Wire Center and the customer's premises.

	Nonrecurring Charge	Month to Month	12 Months	24-48 ^{5,6} Months	49-72 ⁵ Months	73-96 ⁵ Months	USOC
1. (Obsoleted, See Section B107)							
2. Digital Local Channel							
(a) Each ^{1,4}	\$105.00	\$4,282.00	\$143.00(I)	\$106.00	\$104.00	\$102.00	D1GLC (C)

B. Interoffice Channels are furnished between Central Offices. Rates are based on the airline distance between Central Offices.

1. Interoffice Channel, each channel 0-8 miles ^{1,2,3,4}							
(a) Fixed monthly rate	310.00	2,538.00	87.00(I)	65.00	65.00	65.00	1LNO1 (C)
(b) Each airline mile, or fraction thereof	-	858.00	21.00(I)	16.00	14.00	12.00	1LNOA (C)
2. Interoffice Channel, each channel 9-25 miles ^{1,2,3,4}							
(a) Fixed monthly rate	310.00	2,538.00	87.00(I)	65.00	65.00	65.00	1LNO2 (C)
(b) Each airline mile, or fraction thereof	-	858.00	21.00(I)	16.00	14.00	12.00	1LNOB (C)
3. Interoffice Channel, each channel over 25 miles ^{1,2,3,4}							
(a) Fixed monthly rate	310.00	2,538.00	87.00(I)	65.00	65.00	65.00	1LNO3 (C)
(b) Each airline mile, or fraction thereof	-	858.00	21.00(I)	16.00	14.00	12.00	1LNOC (C)

- Note 1:** Contract lengths are flexible to allow customer choice of payment period per B2.4.9.
- Note 2:** Refer to B3.3 for mileage measurement methodology.
- Note 3:** MegaLink Plus service, specified in B7.9, references rates and charges for this rate element.
- Note 4:** MegaLink ISDN service, specified in B7.5, references rates and charges for this rate element.
- Note 5:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.
- Note 6:** As of April 5, 2021, the 24-36 Month Contract Term is no longer available for new or renewing subscribers.

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	\$56,797.00	\$2,146.00(I)	\$1,590.00	\$1,440.00	\$1,290.00	HFSC7 (C)
2. LightGate STS-1 Basic System ¹							
(a) Per System	700.00	2,070.00	1,590.00	1,590.00	1,440.00	1,290.00	HFST1
3. LightGate OC-3 Basic System ¹							
(a) Per System	700.00	3,700.00	NA	3,100.00	2,800.00	2,500.00	HFSO3
(b) Per System with Optical Customer Termination	700.00	2,432.00	NA	1,968.00	1,776.00	1,584.00	HFSOC
(c) Per System with Optical Serving Wire Center Termination	700.00	2,432.00	NA	1,968.00	1,776.00	1,584.00	HFSOW
4. LightGate OC-12 Basic System ¹							
(a) Per System	700.00	5,500.00	NA	5,100.00	4,600.00	4,150.00	HFS12
(b) Per System with Optical Customer Termination	700.00	3,840.00	NA	3,504.00	3,200.00	2,880.00	HFS1C
(c) Per System with Optical Serving Wire Center Termination	700.00	3,840.00	NA	3,504.00	3,200.00	2,880.00	HFS1W
5. LightGate OC-48 Basic System ¹							
(a) Per System	700.00	13,000.00	NA	11,000.00	10,000.00	9,000.00	HFS48
(b) Per System with Optical Customer Termination	700.00	8,000.00	NA	7,040.00	6,400.00	5,760.00	HFS4C
(c) Per System with Optical Serving Wire Center Termination	700.00	8,000.00	NA	7,040.00	6,400.00	5,760.00	HFS4W
6. LightGate OC-192 Basic System ¹							
(a) Per System	700.00	26,000.00	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	\$ 24.00	\$20.00	\$ 20.00	\$ 17.00	\$ 16.00	1PQE8
(b) Per DS3	125.00	2,843.00	128.00(I)	95.00	90.00	85.00	1PQE3 (C)
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	500.00	NA	390.00	365.00	350.00	1PQEG
(d) Per STS-1	125.00	175.00	NA	140.00	130.00	120.00	1PQE4
(e) Per OC-3 (2 Fiber)	200.00	240.00	NA	190.00	175.00	160.00	1PQE5
(f) Per OC-3 (4 Fiber)	200.00	425.00	NA	330.00	300.00	270.00	1PQE6
(g) Per OC-12 (2 Fiber)	360.00	640.00	NA	495.00	450.00	405.00	1PQEE
(h) Per OC-12 (4 Fiber)	400.00	1,280.00	NA	990.00	900.00	810.00	1PQED
(i) Per OC-48 (2 Fiber)	500.00	1,600.00	NA	1,325.00	1,215.00	1,050.00	1PQEO
(j) Per OC-48 (4 Fiber)	500.00	3,200.00	NA	2,650.00	2,430.00	2,100.00	1PQEF
(k) Per 28 DS1 Channel System	125.00	600.00	NA	490.00	465.00	450.00	MQ3CO
(l) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	8.00	7.00	6.00	1PQEA
(m) Per STS-1 Channel System	125.00	600.00	NA	490.00	465.00	450.00	1PQE7
(n) Per OC-3 Channel System	125.00	1,325.00	NA	1,100.00	1,000.00	900.00	1PQE9
(o) Per OC-12 Channel System	125.00	2,650.00	NA	2,200.00	2,000.00	1,800.00	1PQ12
(p) Per OC-48 Channel System	125.00	5,490.00	NA	4,410.00	4,050.00	3,510.00	1PQ48
(q) Per 10 Mbps ²	450.00	500.00	NA	175.00	155.00	140.00	1PQEH
(r) Per 100 Mbps (3 STS-1) - Electrical ²	450.00	540.00	NA	210.00	190.00	170.00	1PQEJ
(s) Per 100 Mbps (3 STS-1) - Optical	550.00	540.00	NA	210.00	190.00	170.00	1PQDJ
(t) Per Fractional 1000 Mbps ²							
- 50 Mbps – 1 STS-1	450.00	520.00	NA	190.00	170.00	150.00	1PQEM
- 150 Mbps – 3c STS-1	450.00	560.00	NA	230.00	210.00	190.00	1PQEN
- 150 Mbps – 3 STS-1	450.00	560.00	NA	230.00	210.00	190.00	1PQDN
- 300 Mbps – 6c STS-1	450.00	600.00	NA	300.00	280.00	260.00	1PQER
- 300 Mbps – 6 STS-1	450.00	600.00	NA	300.00	280.00	260.00	1PQDR
- 450 Mbps – 9c STS-1	450.00	640.00	NA	340.00	310.00	290.00	1PQES
- 450 Mbps – 9 STS-1	450.00	640.00	NA	340.00	310.00	290.00	1PQDS
- 600 Mbps – 12c STS-1	450.00	700.00	NA	380.00	340.00	320.00	1PQET
- 600 Mbps – 12 STS-1	450.00	700.00	NA	380.00	340.00	320.00	1PQDT
- 1000 Mbps – 21 STS-1	400.00	740.00	NA	520.00	475.00	425.00	1PQEK
- 1000 Mbps – 24c STS-1	400.00	740.00	NA	520.00	475.00	425.00	1PQEW
(u) Per Flex DS1	130.00	24.00	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)

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	\$ 24.00	\$20.00	\$ 20.00	\$ 17.00	\$ 16.00	1PQF1
(b) Per DS3	125.00	2,843.00	128.00(I)	95.00	90.00	85.00	1PQF3 (C)
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	280.00	500.00	NA	390.00	365.00	350.00	1PQFG
(d) Per STS-1	125.00	240.00	NA	195.00	185.00	175.00	1PQF4
(e) Per OC-3 (2 Fiber)	125.00	240.00	NA	190.00	175.00	160.00	1PQF5
(f) Per OC-3 (4 Fiber)	125.00	475.00	NA	380.00	350.00	320.00	1PQF6
(g) Per OC-12 (2 Fiber)	275.00	715.00	NA	570.00	525.00	480.00	1PQF8
(h) Per OC-12 (4 Fiber)	275.00	1,430.00	NA	1,140.00	1,050.00	960.00	1PQF7
(i) Per OC-48 (2 Fiber)	300.00	1,600.00	NA	1,325.00	1,215.00	1,050.00	1PQF2
(j) Per OC-48 (4 Fiber)	300.00	3,200.00	NA	2,650.00	2,430.00	2,100.00	1PQFO
(k) Per 10 Mbps ¹	450.00	500.00	NA	175.00	155.00	140.00	1PQFH
(l) Per 100 Mbps (3 STS-1) – Electrical ¹	450.00	540.00	NA	210.00	190.00	170.00	1PQFJ
(m) Per 100 Mbps (3 STS-1) – 1310 nm Single-mode ¹	450.00	540.00	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	520.00	NA	190.00	170.00	150.00	1PQFM
- 50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	520.00	NA	190.00	170.00	150.00	1PQ3M
- 150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	560.00	NA	230.00	210.00	190.00	1PQFN
- 150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	560.00	NA	230.00	210.00	190.00	1PQ3N
- 150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	560.00	NA	230.00	210.00	190.00	1PQJN
- 150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	560.00	NA	230.00	210.00	190.00	1PQKN
- 300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	600.00	NA	300.00	280.00	260.00	1PQFR
- 300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	600.00	NA	300.00	280.00	260.00	1PQ3R
- 300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	600.00	NA	300.00	280.00	260.00	1PQJR
- 300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	600.00	NA	300.00	280.00	260.00	1PQKR
- 450 Mbps 850 nm Multi-mode - 9c STS-1	450.00	640.00	NA	340.00	310.00	290.00	1PQFS
- 450 Mbps 1310 nm Single-mode - 9c STS-1	450.00	640.00	NA	340.00	310.00	290.00	1PQ3S
- 450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	640.00	NA	340.00	310.00	290.00	1PQJS
- 450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	640.00	NA	340.00	310.00	290.00	1PQKS
- 600 Mbps 850 nm Multi-mode – 12c STS-1	450.00	700.00	NA	380.00	340.00	320.00	1PQFT
- 600 Mbps 1310 nm Single-mode – 12c STS-1	450.00	700.00	NA	380.00	340.00	320.00	1PQ3T
- 600 Mbps 850 nm Multi-mode – 12 STS-1	450.00	700.00	NA	380.00	340.00	320.00	1PQJT
- 600 Mbps 1310 nm Single -mode – 12 STS-1	450.00	700.00	NA	380.00	340.00	320.00	1PQKT
- 1000 Mbps 850 nm Multi-mode – 21 STS-12	400.00	740.00	NA	520.00	475.00	425.00	1PQFK
- 1000 Mbps 1310 nm Single-mode – 21 STS-12	400.00	740.00	NA	520.00	475.00	425.00	1PQ3K
- 1000 Mbps 850 nm Multi-mode – 24c STS-12	400.00	740.00	NA	520.00	475.00	425.00	1PQFP
- 1000 Mbps 1310 nm Single -mode – 24c STS-12	400.00	740.00	NA	520.00	475.00	425.00	1PQ3P
(o) Per Flex DS1	260.00	24.00	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)

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	\$6,158.00	\$256.00(I)	\$190.00	\$170.00	\$150.00	1LPEA	(C)
C. Separate Alternate Facility Transport (SAFT) ¹								
1. SAFT Level I								
(a) Per System	\$770.00						1L8EA	
(b) Per one-half air mile		175.00	NA	115.00	95.00	90.00	1L8SA	
2. SAFT Level II								
(a) Per System	770.00						1L8EP	
(b) Per one-half air mile		2,000.00	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	39,225.00	1,316.00(I)	975.00	775.00	625.00	1LPS8	(C)
(b) Per Mile		3,531.00	94.00(I)	70.00	60.00	50.00	1LPE8	(C)
(2) 9-25 miles								
(a) Fixed	190.00	43,893.00	1,518.00(I)	1,125.00	925.00	775.00	1LPS9	(C)
(b) Per Mile		3,531.00	94.00(I)	70.00	60.00	50.00	1LPE9	(C)
(3) Over 25 miles								
(a) Fixed	190.00	51,325.00	1,788.00(I)	1,325.00	1,125.00	925.00	1LPS6	(C)
(b) Per Mile		3,531.00	94.00(I)	70.00	60.00	50.00	1LPE6	(C)
2. LightGate STS-1 service ¹								
(a) Per STS-1								
(1) 0-8 miles								
(a) Fixed	190.00	1,430.00	975.00	975.00	775.00	625.00	1LPS8	
(b) Per Mile		130.00	70.00	70.00	60.00	50.00	1LPE8	
(2) 9-25 miles								
(a) Fixed	190.00	1,600.00	1,125.00	1,125.00	925.00	775.00	1LPS9	
(b) Per Mile		130.00	70.00	70.00	60.00	50.00	1LPE9	
(3) Over 25 miles								
(a) Fixed	190.00	1,870.00	1,325.00	1,325.00	1,125.00	925.00	1LPS6	
(b) Per Mile		130.00	70.00	70.00	60.00	50.00	1LPE6	

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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 ^{4,5} Months	49 to 72 ⁴ Months	73 to 96 ⁴ Months	USOC
6. LightGate OC-192 service ¹							
(a) Per OC-192							
(1) 0-8 miles							
(a) Fixed	\$190.00	\$19,000.00	NA	\$15,500.00	\$13,800.00	\$12,500.00	1LPS8
(b) Per Mile		600.00	NA	500.00	450.00	400.00	1LPE8
(2) 9-25 miles							
(a) Fixed	190.00	19,900.00	NA	15,900.00	14,200.00	12,700.00	1LPS9
(b) Per Mile		600.00	NA	500.00	450.00	400.00	1LPE9
(3) Over 25 miles							
(a) Fixed	190.00	22,000.00	NA	17,700.00	15,800.00	14,100.00	1LPS6
(b) Per Mile		600.00	NA	500.00	450.00	400.00	1LPE6
7. Central Office Channel Interfaces							
(a) Per DS1	125.00	24.00	\$20.00	20.00	17.00	16.00	1PQE8
(b) Per DS3	125.00	2,843.00	128.00(I)	95.00	90.00	85.00	1PQE3 (C)
(c) Per STS-1	125.00	175.00	NA	140.00	130.00	120.00	1PQE4
(d) Per OC-3 (2 Fiber)	200.00	240.00	NA	190.00	175.00	160.00	1PQE5
(e) Per OC-3 (4 Fiber)	200.00	425.00	NA	330.00	300.00	270.00	1PQE6
(f) Per OC-12 (2 Fiber)	360.00	640.00	NA	495.00	450.00	405.00	1PQEE
(g) Per OC-12 (4 Fiber)	400.00	1,280.00	NA	990.00	900.00	810.00	1PQED
(h) Per OC-48 (2 Fiber)	500.00	1,600.00	NA	1,325.00	1,215.00	1,050.00	1PQEO
(i) Per OC-48 (4 Fiber)	500.00	3,200.00	NA	2,650.00	2,430.00	2,100.00	1PQEF
(j) Per 28 DS1 Channel System	125.00	600.00	NA	490.00	465.00	450.00	MQ3CO
(k) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	8.00	7.00	6.00	1PQEA
(l) Per STS-1 Channel System	125.00	600.00	NA	490.00	465.00	450.00	1PQE7
(m) Per OC-3 Channel System	125.00	1,325.00	NA	1,100.00	1,000.00	900.00	1PQE9
(n) Per OC-12 Channel System	125.00	2,650.00	NA	2,200.00	2,000.00	1,800.00	1PQ12
(o) Per OC-48 Channel System	125.00	5,490.00	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.