

**TARIFF DISTRIBUTION**

FILE PACKAGE NO.: TN-20-0010

DATE: July 15, 2020

STATE: TENNESSEE

EFFECTIVE DATE: 07/15/2020

TYPE OF DISTRIBUTION: Approved

PURPOSE: Increase MegaLink (DS1) and LightGate (DS3) Services monthly charges.

<b><u>TARIFF SECTION</u></b>	<b><u>PAGE NUMBER</u></b>	<b><u>PAGE REVISION</u></b>
H007	5.1	0011
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H007	37.0.1.1	0014
H007	37.0.2	0011
H007	37.0.4	0007

**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.
  - 1. Obsolete (See Section B107.)
  - 2. Digital Local Channel

		<b>Nonrecurring Charge</b>	<b>Month To Month</b>	<b>24 to 48<sup>5</sup> Months</b>	<b>49 to 72<sup>5</sup> Months</b>	<b>73 to 96<sup>5</sup> Months</b>	<b>USOC DIGLC</b>	
	(a) Each <sup>1,4</sup>	<b>\$105.00</b>	<b>\$871.00</b>	<b>\$106.00</b>	<b>\$104.00</b>	<b>\$102.00</b>		(I)
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 <sup>1,2,3,4</sup>							
	(a) Fixed monthly rate	<b>310.00</b>	<b>516.00</b>	<b>65.00</b>	<b>65.00</b>	<b>65.00</b>	<b>1LNO1</b>	(I)
	(b) Each airline mile, or fraction thereof	-	<b>175.00</b>	<b>16.00</b>	<b>14.00</b>	<b>12.00</b>	<b>1LNOA</b>	(I)
	2. Interoffice Channel, each channel 9-25miles <sup>1,2,3,4</sup>							
	(a) Fixed monthly rate	<b>310.00</b>	<b>516.00</b>	<b>65.00</b>	<b>65.00</b>	<b>65.00</b>	<b>1LNO2</b>	(I)
	(b) Each airline mile, or fraction thereof	-	<b>175.00</b>	<b>16.00</b>	<b>14.00</b>	<b>12.00</b>	<b>1LNOB</b>	(I)
	3. Interoffice channel, each channel over 25 miles <sup>1,2,3,4</sup>							
	(a) Fixed monthly rate	<b>310.00</b>	<b>516.00</b>	<b>65.00</b>	<b>65.00</b>	<b>65.00</b>	<b>1LNO3</b>	(I)
	(b) Each airline mile, or fraction thereof	-	<b>175.00</b>	<b>16.00</b>	<b>14.00</b>	<b>12.00</b>	<b>1LNOC</b>	(I)

**Note 1:** Contract lengths are flexible to allow customer choice of payment period per B2.4.9.

**Note 2:** Refer to B3.3.3 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.

**B7. DIGITAL NETWORK SERVICE**

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

**B7.4.4 Rates and Charges (Obsoleted. See Section B107.)**

**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>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. LightGate 1 Basic System <sup>1</sup>						
(a) Per System	<b>\$300.00</b>	<b>\$11,543.00</b>	<b>\$1,590.00</b>	<b>\$1,440.00</b>	<b>\$1,290.00</b>	<b>HFS07</b>
2. LightGate STS-1 Basic System <sup>1</sup>						
(a) Per System	<b>700.00</b>	<b>2,070.00</b>	<b>1,590.00</b>	<b>1,440.00</b>	<b>1,290.00</b>	<b>HFS11</b>
3. LightGate OC-3 Basic System <sup>1</sup>						
(a) Per System	<b>700.00</b>	<b>3,700.00</b>	<b>3,100.00</b>	<b>2,800.00</b>	<b>2,500.00</b>	<b>HFS03</b>
(b) Per System with Optical Customer Termination	<b>700.00</b>	<b>2,432.00</b>	<b>1,968.00</b>	<b>1,776.00</b>	<b>1,584.00</b>	<b>HFS0C</b>
(c) Per System with Optical Serving Wire Center Termination	<b>700.00</b>	<b>2,432.00</b>	<b>1,968.00</b>	<b>1,776.00</b>	<b>1,584.00</b>	<b>HFS0W</b>
4. LightGate OC-12 Basic System <sup>1</sup>						
(a) Per System	<b>700.00</b>	<b>5,500.00</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>3,840.00</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>3,840.00</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>13,000.00</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>8,000.00</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>8,000.00</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>26,000.00</b>	<b>20,000.00</b>	<b>18,000.00</b>	<b>16,000.00</b>	<b>HFS12</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.

(1)

**B7. DIGITAL NETWORK SERVICE**

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

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

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

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

**7. Central Office Channel Interfaces**

	Nonrecurring Charge	Month to Month	24 to 48 <sup>3</sup> Months	49 to 72 <sup>3</sup> Months	73 to 96 <sup>3</sup> Months	USOC
(a) Per DS1	\$125.00	\$ 24.00	\$ 20.00	\$ 17.00	\$ 16.00	1PQE8
(b) Per DS3	125.00	578.00	95.00	90.00	85.00	1PQE3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	290.00	500.00	390.00	365.00	350.00	1PQEG
(d) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4
(e) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5
(f) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6
(g) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE
(h) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED
(i) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO
(j) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF
(k) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO
(l) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA
(m) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7
(n) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9
(o) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12
(p) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48
(q) Per 10 Mbps <sup>2</sup>	450.00	500.00	175.00	155.00	140.00	1PQEH
(r) Per 100 Mbps (3 STS-1) - Electrical <sup>2</sup>	450.00	540.00	210.00	190.00	170.00	1PQEJ
(s) Per 100 Mbps (3 STS-1) - Optical	550.00	540.00	210.00	190.00	170.00	1PQDJ
(t) Per Fractional 1000 Mbps <sup>2</sup>						
- 50 Mbps – 1 STS-1	450.00	520.00	190.00	170.00	150.00	1PQEM
- 150 Mbps – 3c STS-1	450.00	560.00	230.00	210.00	190.00	1PQEN
- 150 Mbps – 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQDN
- 300 Mbps – 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQER
- 300 Mbps – 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQDR
- 450 Mbps – 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQES
- 450 Mbps – 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQDS
- 600 Mbps – 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQET
- 600 Mbps – 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQDT
- 1000 Mbps – 21 STS-1	400.00	740.00	520.00	475.00	425.00	1PQEK
- 1000 Mbps – 24c STS-1	400.00	740.00	520.00	475.00	425.00	1PQEW
(u) Per Flex DS1	130.00	24.00	20.00	17.00	16.00	1PQEQ

(1)

**Note 1:** Available only for systems installed on or after November 28, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 2:** Available only for systems installed on or after December 9, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** 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	24 to 48 <sup>3</sup> Months	49 to 72 <sup>3</sup> Months	73 to 96 <sup>3</sup> Months	USOC
(a) Per DS1	\$170.00	\$ 24.00	\$ 20.00	\$ 17.00	\$ 16.00	1PQF1
(b) Per DS3	125.00	578.00	95.00	90.00	85.00	1PQF3
(c) Per DS3 (Asymmetrical with DS1/Flex DS1)	280.00	500.00	390.00	365.00	350.00	1PQFG
(d) Per STS-1	125.00	240.00	195.00	185.00	175.00	1PQF4
(e) Per OC-3 (2 Fiber)	125.00	240.00	190.00	175.00	160.00	1PQF5
(f) Per OC-3 (4 Fiber)	125.00	475.00	380.00	350.00	320.00	1PQF6
(g) Per OC-12 (2 Fiber)	275.00	715.00	570.00	525.00	480.00	1PQF8
(h) Per OC-12 (4 Fiber)	275.00	1,430.00	1,140.00	1,050.00	960.00	1PQF7
(i) Per OC-48 (2 Fiber)	300.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQF2
(j) Per OC-48 (4 Fiber)	300.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQFO
(k) Per 10 Mbps <sup>1</sup>	450.00	500.00	175.00	155.00	140.00	1PQFH
(l) Per 100 Mbps (3 STS-1) – Electrical <sup>1</sup>	450.00	540.00	210.00	190.00	170.00	1PQFJ
(m) Per 100 Mbps (3 STS-1) - 1310 nm Single-mode <sup>1</sup>	450.00	540.00	210.00	190.00	170.00	1PQJ3
(n) Per Fractional 1000 Mbps <sup>2</sup>						
- 50 Mbps 850 nm Multi-mode – 1 STS-1	450.00	520.00	190.00	170.00	150.00	1PQFM
- 50 Mbps 1310 nm Single-mode – 1 STS-1	450.00	520.00	190.00	170.00	150.00	1PQ3M
- 150 Mbps 850 nm Multi-mode – 3c STS-1	450.00	560.00	230.00	210.00	190.00	1PQFN
- 150 Mbps 1310 nm Single-mode – 3c STS-1	450.00	560.00	230.00	210.00	190.00	1PQ3N
- 150 Mbps 850 nm Multi-mode – 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQJN
- 150 Mbps 1310 nm Single-mode – 3 STS-1	450.00	560.00	230.00	210.00	190.00	1PQKN
- 300 Mbps 850 nm Multi-mode – 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQFR
- 300 Mbps 1310 nm Single-mode – 6c STS-1	450.00	600.00	300.00	280.00	260.00	1PQ3R
- 300 Mbps 850 nm Multi-mode – 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQJR
- 300 Mbps 1310 nm Single-mode – 6 STS-1	450.00	600.00	300.00	280.00	260.00	1PQKR
- 450 Mbps 850 nm Multi-mode - 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQFS
- 450 Mbps 1310 nm Single-mode - 9c STS-1	450.00	640.00	340.00	310.00	290.00	1PQ3S
- 450 Mbps 850 nm Multi-mode – 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQJS
- 450 Mbps 1310 nm Single-mode – 9 STS-1	450.00	640.00	340.00	310.00	290.00	1PQKS
- 600 Mbps 850 nm Multi-mode - 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQFT
- 600 Mbps 1310 nm Single-mode - 12c STS-1	450.00	700.00	380.00	340.00	320.00	1PQ3T
- 600 Mbps 850 nm Multi-mode – 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQJT
- 600 Mbps 1310 nm Single-mode – 12 STS-1	450.00	700.00	380.00	340.00	320.00	1PQKT
- 1000 Mbps 850 nm Multi-mode – 21 STS-12	400.00	740.00	520.00	475.00	425.00	1PQFK
- 1000 Mbps 1310 nm Single-mode - 21 STS-12	400.00	740.00	520.00	475.00	425.00	1PQ3K
- 1000 Mbps 850 nm Multi-mode – 24c STS-12	400.00	740.00	520.00	475.00	425.00	1PQFP
- 1000 Mbps 1310 nm Single-mode – 24c STS-12	400.00	740.00	520.00	475.00	425.00	1PQ3P
(o) Per Flex DS1	260.00	24.00	20.00	17.00	16.00	1PQFQ

**Note 1:** Available only for systems installed on or after November 28, 2003 that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 2:** Available only for systems installed on or after December 9, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 3:** 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)**

	Nonrecurring Charge	Month to Month	24 to 48 <sup>2</sup> Months	49 to 72 <sup>2</sup> Months	73 to 96 <sup>2</sup> Months	USOC	
<b>B. LightGate service Local Channel Mileage<sup>1</sup></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	\$ 1,252.00	\$ 190.00	\$ 170.00	\$ 150.00	1LPEA	(1)
<b>C. Separate Alternate Facility Transport (SAFT) <sup>1</sup></b>							
(a) Per System	\$770.00					1L8EA	
(b) Per one-half air mile		175.00	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	800.00	640.00	520.00	1L8SP	
<b>D. Interoffice Channels (These channels are furnished between central offices. Rates are based upon airline distance between central offices.)</b>							
1. LightGate 1 service <sup>1</sup>							
a. Per DS3							
(1) 0-8 miles							
(a) Fixed	190.00	7,972.00	975.00	775.00	625.00	1LPS8	(1)
(b) Per Mile	-	718.00	70.00	60.00	50.00	1LPE8	(1)
(2) 9-25 miles							
(a) Fixed	190.00	8,921.00	1,125.00	925.00	775.00	1LPS9	(1)
(b) Per Mile	-	718.00	70.00	60.00	50.00	1LPE9	(1)
(3) Over 25 miles							
(a) Fixed	190.00	10,431.00	1,325.00	1,125.00	925.00	1LPS6	(1)
(b) Per Mile	-	718.00	70.00	60.00	50.00	1LPE6	(1)
2. LightGate STS-1 service <sup>1</sup>							
a. Per STS-1							
(1) 0-8 miles							
(a) Fixed	190.00	1,430.00	975.00	775.00	625.00	1LPS8	
(b) Per Mile	-	130.00	70.00	60.00	50.00	1LPE8	
(2) 9-25 miles							
(a) Fixed	190.00	1,600.00	1,125.00	925.00	775.00	1LPS9	
(b) Per Mile	-	130.00	70.00	60.00	50.00	1LPE9	
(3) Over 25 miles							
(a) Fixed	190.00	1,870.00	1,325.00	1,125.00	925.00	1LPS6	
(b) Per Mile	-	130.00	70.00	60.00	50.00	1LPE6	

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**B7. DIGITAL NETWORK SERVICE**

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

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

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

	Nonrecurring Charge	Month to Month	24 to 48 <sup>4</sup> Months	49 to 72 <sup>4</sup> Months	73 to 96 <sup>4</sup> Months	USOC
6. LightGate OC-192 service <sup>1</sup>						
a. Per OC-192						
(1) 0-8 miles						
(a) Fixed	\$190.00	\$19,000.00	\$15,500.00	\$13,800.00	\$12,500.00	1LPS8
(b) Per Mile	-	600.00	500.00	450.00	400.00	1LPE8
(2) 9-25 miles						
(a) Fixed	190.00	19,900.00	15,900.00	14,200.00	12,700.00	1LPS9
(b) Per Mile	-	600.00	500.00	450.00	400.00	1LPE9
(3) Over 25 miles						
(a) Fixed	190.00	22,000.00	17,700.00	15,800.00	14,100.00	1LPS6
(b) Per Mile	-	600.00	500.00	450.00	400.00	1LPE6
7. Central Office Channel Interfaces						
(a) Per DS1	125.00	24.00	20.00	17.00	16.00	1PQE8
(b) Per DS3	125.00	578.00	95.00	90.00	85.00	1PQE3
(c) Per STS-1	125.00	175.00	140.00	130.00	120.00	1PQE4
(d) Per OC-3 (2 Fiber)	200.00	240.00	190.00	175.00	160.00	1PQE5
(e) Per OC-3 (4 Fiber)	200.00	425.00	330.00	300.00	270.00	1PQE6
(f) Per OC-12 (2 Fiber)	360.00	640.00	495.00	450.00	405.00	1PQEE
(g) Per OC-12 (4 Fiber)	400.00	1,280.00	990.00	900.00	810.00	1PQED
(h) Per OC-48 (2 Fiber)	500.00	1,600.00	1,325.00	1,215.00	1,050.00	1PQEO
(i) Per OC-48 (4 Fiber)	500.00	3,200.00	2,650.00	2,430.00	2,100.00	1PQEF
(j) Per 28 DS1 Channel System	125.00	600.00	490.00	465.00	450.00	MQ3CO
(k) Per DS1 on 28 DS1 Channel System	125.00	15.00	8.00	7.00	6.00	1PQEA
(l) Per STS-1 Channel System	125.00	600.00	490.00	465.00	450.00	1PQE7
(m) Per OC-3 Channel System	125.00	1,325.00	1,100.00	1,000.00	900.00	1PQE9
(n) Per OC-12 Channel System	125.00	2,650.00	2,200.00	2,000.00	1,800.00	1PQ12
(o) Per OC-48 Channel System	125.00	5,490.00	4,410.00	4,050.00	3,510.00	1PQ48

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**Note 3:** Available only for systems installed on or after December 9, 2004, that do not contain a Optical Customer Termination or a Optical Serving Wire Center Termination. 10 Mbps, 100 Mbps and Fractional 1000 Mbps transport channel interfaces do not contain any monitoring capability above the physical layer.

**Note 4:** As of October 1, 2013, Contract Terms greater than 36 months are no longer available for new or renewing subscribers.

(1)