

TARIFF DISTRIBUTION

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PURPOSE: Withdraw obsoleted LightGate 1 and LightGate 2 System options,
along with associated mileage components

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.3 Digital Architecture And Definitions (Cont'd)

B. Definitions (Cont'd)

DS3

The term DS3 denotes a channel service expressed in terms of its digitally encoded bit rate in accordance with the North American hierarchy of digital signal levels. It has a 44.736 Mbps transmission data rate, and provides for two-way simultaneous transmission of randomized Non-Return-to-Zero (NRZ) signals with a B3ZS format. The required format and interface specifications are contained in Technical Reference #73501.

LIGHTGATE 1

The term LightGate 1 denotes a service which provides extended service capability of DS3 data rates to the customer, or multiplexed DS1 and DS0 channels based upon configurations desired. Appropriate electrical signals will be provided in accordance with the specifications of Technical Reference #73501. The total capacity to be provided is a single 44.736 Mbps transmission rate. This offering is intended to be a flexible, link connectable transport service for large customers with the capability of connecting with individual exchange and private line services, MegaLink channel service, SMARTRing service and/or other LightGate services.

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SYNCHRONOUS LIGHTGATE SERVICES

LightGate service is available in the following synchronous systems: STS-1, OC-3, OC-12, OC-48 and OC-192. These offerings are intended to be a very flexible, link connectable transport service for the very large customer. They have the capability of connecting with individual exchange and private line services, MegaLink channel service, SMARTRing service and/or other LightGate services. Appropriate electrical and optical signals will be provided in accordance with the specifications of Technical Reference #73501.

SYNCHRONOUS OPTICAL NETWORK (SONET)

SONET defines a progressive hierarchy of optical signal and line rates. The basic building block is the STS-1 (Synchronous Transport Signal at level 1), operating at 51.840 Mbps. All higher rate signals (STS-N) are multiples of the basic STS-1 signal rate. The optical counterpart of a STS-N is the OC-N, operating at the same rate as the corresponding STS-N. The required format and interface specifications are contained in Technical Reference #73501.

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B7.4 LightGate Service (Cont'd)

B7.4.4 (DELETED)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.4 (DELETED) (Cont'd)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

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B7.4 LightGate Service (Cont'd)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

B7.4.4 (DELETED) (Cont'd)

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B7. DIGITAL NETWORK SERVICE

B7.4 LightGate Service (Cont'd)

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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	24 to 48 ² Months	49 to 72 ² Months	73 to 96 ² Months	USOC
1. LightGate 1 Basic System ¹						
(a) Per System	\$300.00	\$5,911.00	\$ 1,590.00	\$ 1,440.00	\$ 1,290.00	HFSC7
2. LightGate STS-1 Basic System ¹						
(a) Per System	700.00	2,070.00	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	3,100.00	2,800.00	2,500.00	HFSO3
(b) Per System with Optical Customer Termination	700.00	2,432.00	1,968.00	1,776.00	1,584.00	HFSOC
(c) Per System with Optical Serving Wire Center Termination	700.00	2,432.00	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	5,100.00	4,600.00	4,150.00	HFS12
(b) Per System with Optical Customer Termination	700.00	3,840.00	3,504.00	3,200.00	2,880.00	HFS1C
(c) Per System with Optical Serving Wire Center Termination	700.00	3,840.00	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	11,000.00	10,000.00	9,000.00	HFS48
(b) Per System with Optical Customer Termination	700.00	8,000.00	7,040.00	6,400.00	5,760.00	HFS4C
(c) Per System with Optical Serving Wire Center Termination	700.00	8,000.00	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	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, payment periods greater than 36 months are no longer available for new or renewing subscribers.

OBSOLETE SERVICE OFFERING - DIGITAL NETWORK SERVICE

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B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.3 Reserved For Future Use

B107.4 (DELETED)

(D)

B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.4 (DELETED) (Cont'd)

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B107. OBSOLETE SERVICE OFFERINGS - DIGITAL NETWORK SERVICE

B107.4 (DELETED) (Cont'd)

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