

AT&T INTERSTATE ACCESS GUIDEBOOK

PART 10 - Special Access Services - East

1st Revised Sheet 1

SECTION 24 - MSA Access Services

Cancels Original Sheet 1

24. Metropolitan Statistical Area Access Services

24.1 General Description

- (A) This section of the Guidebook provides the rates, and terms and conditions, that apply to telecommunications services provided by the Telephone Company in the Metropolitan Statistical Areas (MSAs) in which the Telephone Company has received Phase II pricing flexibility pursuant to Subpart H of Part 69 of the Commission's Rules. MSAs are divided into the categories below:
- (1) Full Service MSAs
Full Service Relief MSAs are those MSAs which qualified for Phase II pricing flexibility for all elements of service, such as local channels (channel terminations) between LEC end offices and customer (end user) premises; entrance facilities; local channels (channel terminations) between an Interexchange carrier's point of presence and a serving wire center. The Full Service Relief MSAs are set forth in Section 24.2(A), following.
- (2) Limited Service MSAs
Limited Service Relief MSAs are those MSAs that qualified for Phase II pricing flexibility for all elements of service except local channels (channel terminations) between LEC end offices and customer (end user) premises. The Limited Service MSAs are set forth in Section 24.2(B), following.
- (B) The services provided in MSAs pursuant to this section of the Guidebook are set forth in Section 24.3, following. These services are comparable to Special Access Services in Part 2, Section 7 and Part 10, Sections 20, 23, 30, 31 and 32 of this Guidebook. The general conditions, service descriptions, and rate conditions for Special Access Services in Part 2, Section 7 and Part 10, Sections 20, 23, 30, 31 and 32 of this Guidebook also apply to the services specified in this section, except as provided below.
- An exception in 24.4(F) applies for term pricing plans.
- (C) Unless otherwise provided for in this section, conditions set forth in Part 2, Sections 2, 5, and 13 also apply.

24.2 Metropolitan Statistical Areas

(A) Full Service Relief MSAs are listed below:

State	MSA
Connecticut	Hartford*

(B) Limited Service Relief MSAs are listed below:

State	MSA
Connecticut	Bridgeport
Connecticut	New Haven
Connecticut	New London

*This MSA had previously qualified for Limited Service Relief and is now qualified for Full Service Relief per the June 8, 2004 approval of SNET's most recent Price Flex petition, Memorandum Opinion and Order, WCB/Pricing No. 04-12, DA 04-1643.

24.3 Services Available in an MSA

The following services are available in MSAs with Full and Limited Service Relief:

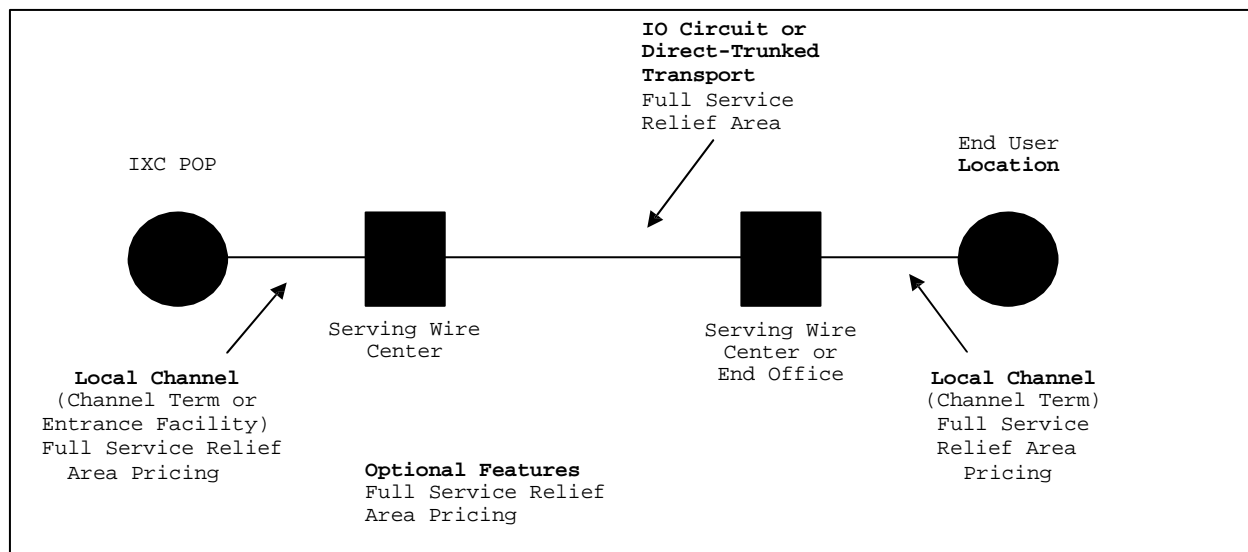
Special Access
Video Service
Dedicated SONET Ring Service
Optical Carrier Network (OCN) Point-to-Point Service
Gigabit Ethernet Metropolitan Area Network (GigaMAN)
Multi-Service Optical Network (MON) Ring Service ⁽¹⁾
Wavelength Metropolitan Area Network (WaveMAN SM)
10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)

(N)

24.4 Rate Conditions

(A) Figure 1 illustrates services provided totally from an MSA located in a Full Service Relief Area. The rates and charges for all associated rate elements for services in a Full Service Relief Area are contained in Section 24.5, following.

Figure 1: Full Service Relief Area



*Effective July 31, 2003, SNET SONET Network Service (SSNS) will no longer be available to new customers. There will be no change to existing customers.

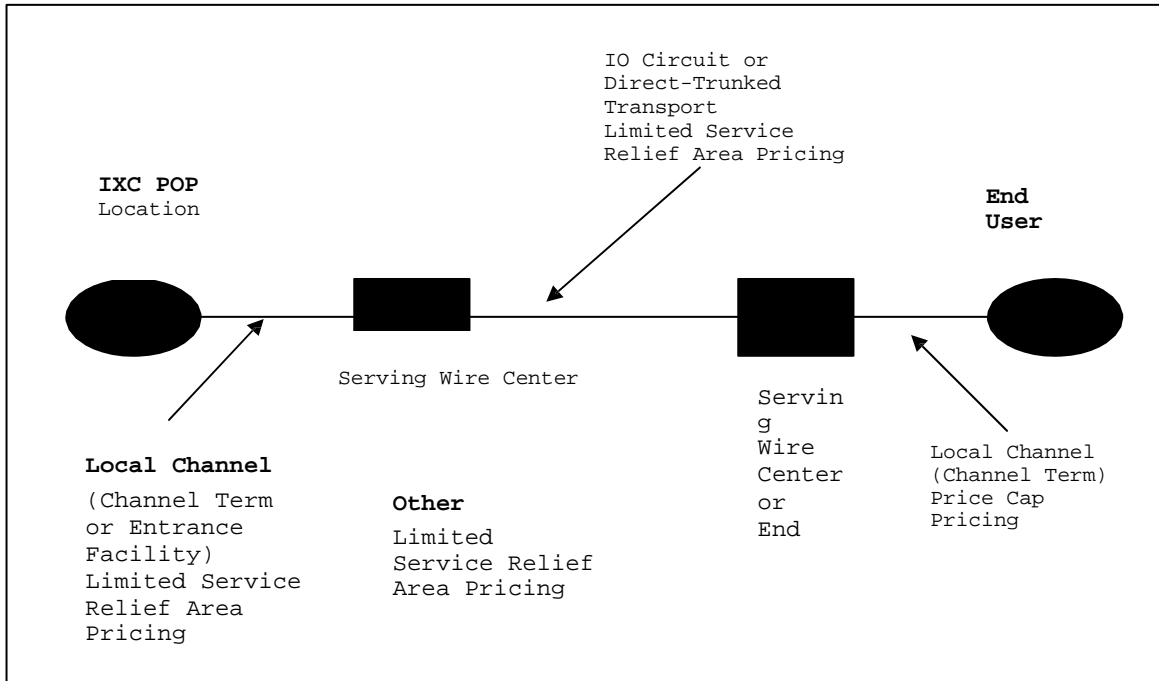
⁽¹⁾ Effective December 10, 2012, new Multi-service Optical Network (MON) Ring Service term plans are no longer available. Following the expiration of their existing term plans, MON Ring Service Customers may continue to purchase service on a month-to-month basis. Customers will be permitted to modify their existing service and will be able to add new circuits to their existing service, but will not be permitted to add new nodes in new locations. Any such new circuits will be subject to, and coterminous with, the Customer's existing term payment plan or term agreement for the service to which they are added.

(N)

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(B) Figure 2 illustrates services provided within an MSA located in a Limited Service Relief Area. The rates and charges for all associated rate elements for services in a Limited Service Relief Area are contained in Section 24.5, except for the local channels (channel terminations) between a LEC end office and a customer (end user) premise, which are referenced in Sections 7, 20, 21, 23 and 32 of this tariff.

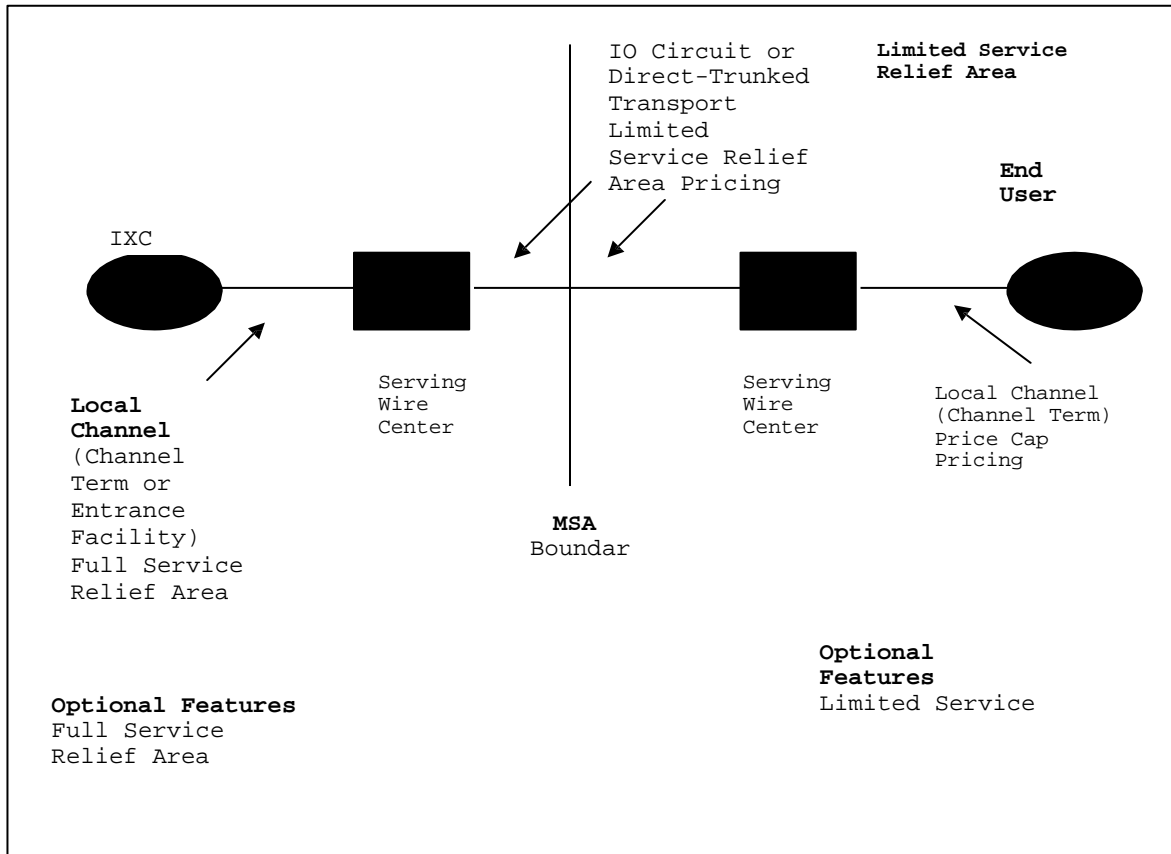
Figure 2: Limited Service Relief Area



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(C) Figure 3 illustrates a service provided from two MSAs—one MSA located in a Full Service Relief Area and one MSA located in a Limited Service Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are located in section 24.4(A). The rates and charges for local channels and optional features located in the Limited Service Relief Area are located in section 24.4(B). Interoffice channels between a Full Service Relief Area and a Limited Service Relief Area are rated the same as that of an interoffice channel in a Limited Service Relief Area, and rates and charges are identified in section 24.4(B), preceding.

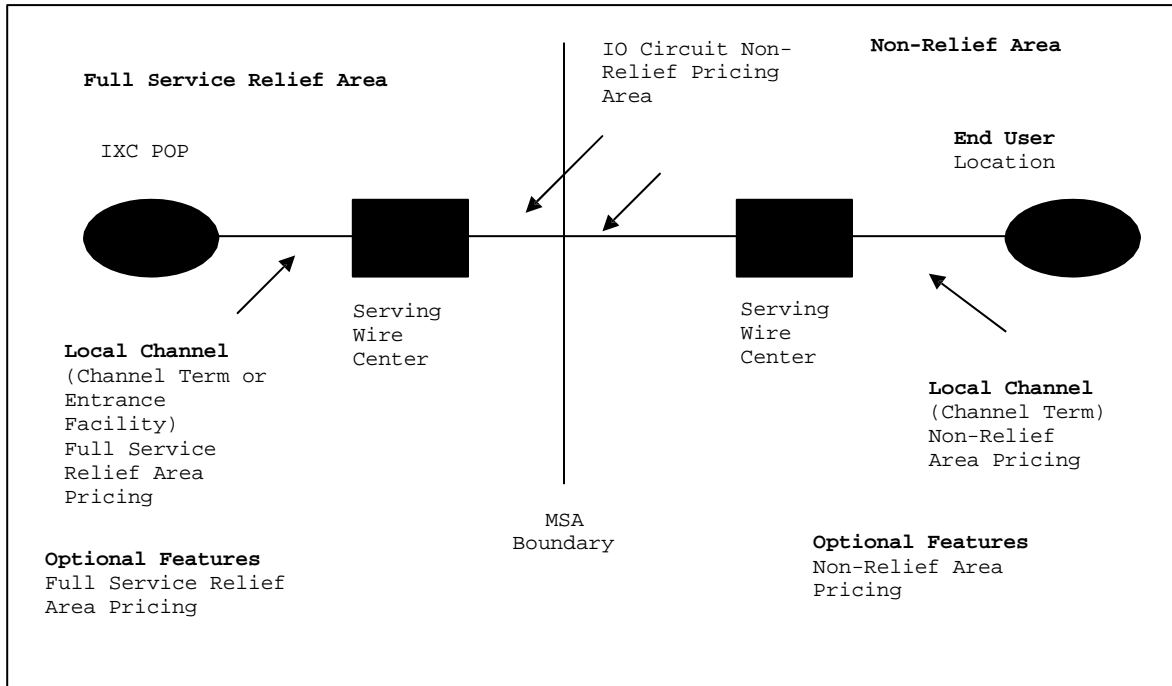
Figure 3: Full Service Relief and Limited Service Relief Areas



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(D) Figure 4 illustrates a service provided from two MSAs—one MSA located in a Full Service Relief Area and one MSA located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Full Service Relief Area are located in section 24.4 (A), preceding. Interoffice channels between a Full Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area. Rates and charges for local channels, interoffice channels, and optional features in a Non-Relief Area are in sections 6.3.1(A), 6.3.1(B), 6.3.1(E), Sections 7, 17, 20, 21, 23 and 32 of this tariff.

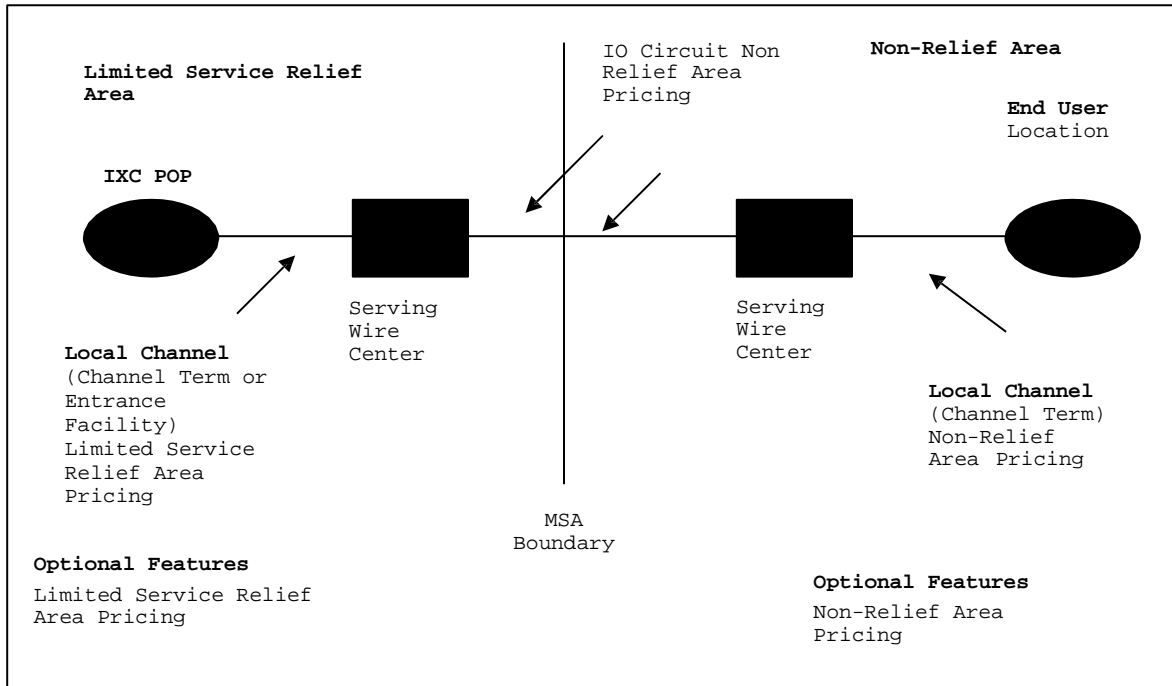
Figure 4: Full Service Relief and Non-Relief Service Areas



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(E) Figure 5 illustrates a service provided from two MSAs—one MSA located in a Limited Service Relief Area and one located in a Non-Relief Area. The rates and charges for local channels and optional features located in the Limited Service Relief Area are in section 24.4(B) preceding. Interoffice channels between a Limited Service Relief Area and a Non-Relief Area are rated the same as that of an interoffice channel in a Non-Relief Area. Rates and charges for local channels, interoffice channels, and optional features in a Non-Relief Area are obtained in Sections 6.3.1(A), 6.3.1(B), 6.3.1(E), Sections 7, 17, 20, 21, 23 and 32 of this tariff.

Figure 5: Limited Service Relief and Non-Relief Service Areas



(F) Term Pricing Plan

For the purpose of Metropolitan Statistical Area Access Service, the following plan applies when referring to Term Pricing Plans:

- Optional Payment Plan (OPP)
- Term Pricing Plans (TPP)

(Z)

Certain rates in Section 24.5.2.6 reflect interstate rate reductions that are temporary and will remain in effect through June 30, 2010. These rates are being reduced pursuant to Merger Commitment No. 6. ⁽¹⁾ Customers currently subscribing to, or that subscribe to, interstate term pricing plans for DS1/DS3 channel termination services and/or mileage services in areas where the Telephone Company has obtained Phase II Pricing Flexibility, will pay the rates in Section 24.5.2.6 for those term plans through June 30, 2010, except as provided below. Effective July 1, 2010, such Customers will pay the rates set forth in Section 24.5.2.6.1, for these services. Customers subscribing to or renewing term plans while temporary rate reductions are in effect may experience rate increases as of July 1, 2010 when temporary rate reductions are no longer in effect. For Customers on term pricing plans with vintage rates, if those vintage rates are lower than the temporarily reduced rates, the lower vintage rates will apply. Customers subscribing to a pricing flexibility contract tariff in Section 25 that specifies fixed rates for DS1/DS3 channel terminations and/or mileage services are not subject to this provision, and will continue to pay the rates specified in such contract.

24.5 Rates and Charges

24.5.1 Not in Use

24.5.2 Special Access Services

24.5.2.1 Not in Use

24.5.2.2 Not in Use

24.5.2.3 Not in Use

24.5.2.5 Not in Use

24.5.2.6 Not in Use

2.5.2.6.1 Not in Use

⁽¹⁾ See F.C.C. Memorandum Opinion and Order, WC Docket No. 06-74, in The Matter of AT&T, Inc. and BellSouth Corporation Application for Transfer of Control.

24.5.2.4 Video Special Access Service

(D) Serial Component Video Service (SCVS) and High Definition Video Transport (HDVT) Term Pricing Plan (TPP)

	<u>USOC</u>	<u>Monthly</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>Nonrecurring Charge</u>		
						<u>1st Ckt</u>	<u>Add'l Ckt</u>	
(1) SCVS Standard (270 Mbps)								
(a) Channel Termination								
-Per Point of Termination	T7TXX	\$750.00	\$650.00	\$575.00	\$500.00	\$1,000.00	\$500.00	
(b) Channel Mileage								
-Per Mile Over 0	1L5XX	\$ 34.75	\$28.00	\$28.00	\$28.00			
(c) Optional Features and Functions								
-Per Each								
-Regenerator	VBR	373.00	373.00	364.00	352.00			
	<u>USOC</u>	<u>Monthly</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>Nonrecurring Charge⁽¹⁾</u>		
-Optical Handoff Options:								
OC-3 Handoff	VOF3X	\$750.00	\$650.00	\$300.00	\$275.00	\$700.00		
OC-12 Handoff	VOF1X	1,675.00	1,450.00	675.00	625.00	700.00		
SMPTE 310M Digital Interface	V1F3X	\$400.00	\$350.00	\$315.00	\$300.00	\$500.00		
NTSC Analog Interface	V1FNX	\$200.00	\$190.00	\$180.00	\$170.00	\$500.00		
-Diversity Options								
			(Rates apply per channel termination unless stated otherwise)				(N)	(N)
Local Channel Diversity	CPAMX	\$410.00	\$350.00	\$260.00	\$225.00	n/a		
Alternate Wire Center Diversity	CPABX	\$660.00	\$570.00	\$420.00	\$360.00	n/a		
Inter-Wire Center Diversity (Per Circuit)	CPAUX	\$290.00	\$250.00	\$180.00	\$150.00	n/a	(N)	
Equipment Only Diversity	CPACX	\$415.00	\$370.00	\$270.00	\$245.00	n/a		

⁽¹⁾ Nonrecurring charge is waived when feature is ordered and installed concurrently with the associated Channel Termination.

24.5.2.4 Video Special Access Service

(E) High Definition Video Transport (HDVT) Term Pricing Plan (TPP)

	USOC	Monthly	1 Year	2 Year	3 Year	5 Year	Nonrecurring Charge ⁽¹⁾	
(1) High Definition Video Transport								
(a) Channel Termination								
-per end	TZ4DX	\$750.00	\$700.00	\$625.00	\$585.00	\$525.00	\$1500.00	
(b) Interoffice -Fixed Mileage	1A4FX	\$50.00	\$48.00	\$48.00	\$45.00	\$43.00	N/A	
-Variable Mileage								
-per mile	1A4FX	\$110.00	\$100.00	\$95.00	\$90.00	\$80.00	N/A	
(c) Optional Features and Functions								
-per Each								
-Regenerator	V8R	\$440.00	\$440.00	\$430.00	\$430.00	\$420.00	N/A	
-Optical Handoff Options:								
OC-3 Handoff	VOF3X	\$750.00	\$650.00	\$560.00	\$300.00	\$275.00	\$700.00 ^(1,2)	
OC-12 Handoff	VOF1X	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 ^(1,2)	
-Multi Media Channel ^(1,3)							(N)	
1 Gbps option	HDVM1	\$2,500.00	\$2,000.00	\$2,000.00	\$1,000.00	\$950.00	\$1,500.00 (N)	
-Diversity Options								
			(Rates apply per channel termination unless stated otherwise)					
Local Channel Diversity	CPAMX	\$410.00	\$350.00	\$300.00	\$260.00	\$225.00	N/A	
Alternate Wire Center Diversity	CPABX	\$660.00	\$570.00	\$490.00	\$420.00	\$360.00	N/A	
Inter-Wire Center Diversity (Per Circuit)	CPAUX	\$290.00	\$250.00	\$210.00	\$180.00	\$150.00	N/A	
Equipment Only Diversity	CPACX	\$415.00	\$370.00	\$320.00	\$270.00	\$245.00	N/A	

⁽¹⁾ A nonrecurring charge will not apply when the customer subscribes to a 2-Year or longer Term Pricing Plan.

⁽²⁾ Nonrecurring charge is waived when feature is ordered and installed concurrently with the associated Channel Termination.

⁽³⁾ Nonrecurring charge is waived when feature is ordered and installed concurrently with the associated HDVT Channel Termination. (N)
(N)

24.5.2.7 Dedicated SONET Ring Service

(A) Nodes

<u>Description</u>	<u>USOC</u>	<u>36 Months</u> ⁽³⁾	<u>60 Months</u> ⁽³⁾	<u>Monthly Extension</u>	(N)
Per Node type:					
OC-3					
-Customer Premises					
First	FP5CX	\$1,770.00	\$1,415.00	\$2,120.00	
First Re-Map ⁽²⁾	RN8CX	1,770.00	1,415.00	2,120.00	
Additional	FP5CA	1,000.00	800.00	1,200.00	
Additional Re-Map ⁽²⁾	RN8CA	1,000.00	800.00	1,200.00	
-Central Office	FC5CX	1,000.00	800.00	1,200.00	
OC-12					
-Customer Premises					
First	FP5DX	3,850.00	3,080.00	4,620.00	
First Re-Map ⁽²⁾	RN8DX	3,850.00,	3,080.00	4,620.00	
Additional	FP5DA	2,620.00	2,095.00	3,140.00	
Additional Re-Map ⁽²⁾	RN8DA	2,620.00	2,095.00	3,140.00	
-Central Office	FC5DX	2,620.00	2,095.00	3,140.00	
Direct Drop ⁽¹⁾					
-Customer Premises					
First	SEFCF	3,750.00	2,980.00	4,470.00	
Additional	SEFCG	2,520.00	1,995.00	2,990.00	
-Central Office	SEFCH	2,520.00	1,995.00	2,990.00	
OC-48					
-Customer Premises					
First	FP5EX	5,890.00	4,715.00	7,070.00	
First Re-Map ⁽²⁾	RN8EX	5,890.00	4,715.00	7,070.00	
Additional	FP5EA	5,240.00	4,190.00	6,280.00	
Additional Re-Map ⁽²⁾	RN8EA	5,240.00	4,190.00	6,280.00	
-Central Office	FC5EX	5,240.00	4,190.00	6,280.00	

(1) Effective 03/18/06, the Direct Drop Node feature will no longer be available to new customers. There will be no change to existing customers.

(2) Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

(3) All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension	(N)
Per node:					
Flex-Ring					
Customer Premises node for 2nd ring double on existing					
OC-12	GP5FX	2,200.00	1,800.00	2,900.00	
OC-48	GP5GX	3,900.00	3,000.00	4,500.00	
Central Office node for 2nd ring double on existing					
OC-12	GC5FX	1,850.00	1,500.00	2,200.00	
OC-48	GC5GX	3,500.00	2,800.00	4,100.00	

<u>Description</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>
Nonrecurring charges for subsequent installation -Per Node		
Customer Premises	NRBS7	\$400.00
Customer Premises Re-Map ⁽¹⁾	NRBS7	400.00
Central Office	NRBSV	325.00

⁽¹⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

⁽²⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

<u>Description</u>	<u>USOC</u>	<u>36 Months</u> ⁽⁵⁾	<u>60 Months</u> ⁽⁵⁾	<u>Monthly Extension</u>	(N)
Per Arrangement	MPEFX	\$3,510.00	\$2,895.00	\$4,350.00	
Re-Map ⁽⁴⁾					
Per Arrangement	M8RFX	1,170.00	965.00	1,450.00	

<u>Description</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>	
Nonrecurring charges for Subsequent installation - per arrangement	NRBS8		490.00

(C) Ports

<u>Description</u>	<u>USOC</u>	<u>36 Months</u> ⁽⁵⁾	<u>60 Months</u> ⁽⁵⁾	<u>Monthly Extension</u>	(N)
-Per Port (excluding Re-Map)					
DS1 at OC-3 Node	SPRAX	\$ 50.00	\$ 45.00	\$ 65.00	
DS3 at OC-3 Node	SPRBX	120.00	110.00	150.00	
EC-1 at OC-3 Node	S9NSX	120.00	110.00	150.00	
OC-3 at OC-3 Node	S9T1X	350.00	300.00	550.00	
DS3 at OC-12 (DDN) ⁽³⁾	SPRMX	120.00	110.00	150.00	
EC-1 at OC-12 (DDN) ⁽³⁾	S9NTX	120.00	110.00	150.00	
DS3 at OC-12 Node	SPRCX	120.00	110.00	150.00	
EC-1 at OC-12 Node	S9NUX	120.00	110.00	150.00	
OC-3 or OC-3c at OC-12 Node	SPREX	150.00	135.00	190.00	
DS1 at OC-12 (DDN) ⁽³⁾	SRRNX	50.00	45.00	65.00	
DS1 at OC-12 Node ⁽¹⁾⁽²⁾	SPRGX	50.00	45.00	65.00	
OC-12 at OC-12 Node	S9T2X	850.00	725.00	1,050.00	
OC-12 or OC-12c at OC-48 Node	SPRHX	375.00	360.00	475.00	
OC-3 or OC-3c at OC-48 Node	SPRJX	150.00	135.00	190.00	
DS3 at OC-48 Node	SPRKX	120.00	110.00	150.00	
EC-1 at OC-48 Node	S9NVX	120.00	110.00	150.00	
DS1 at OC-48 Node ⁽¹⁾	SPRLX	50.00	45.00	65.00	
OC-48 at OC-48 Node	S9T3X	1,900.00	1,650.00	2,850.00	

⁽¹⁾ Optical to Electrical DS1 add/drop capability as described in 20.3(A)(J) is needed along with an OC-3 port unless the customer has chosen an OC-12 DDN.

⁽²⁾ The Optical-to-Electrical DS1 add/drop capability will be charged when the 85th Port is applied per OC-12 node.

⁽³⁾ Effective 03/18/06, the Direct Drop Node (DDN) feature will no longer be available to new customers. There will be no change to existing customers.

⁽⁴⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

⁽⁵⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
|
(N)

<u>Description</u>	<u>USOC</u>	<u>36 Months</u> ⁽²⁾	<u>60 Months</u> ⁽²⁾	<u>Monthly Extension</u>	(N)
-Per Port (excluding Re-Map)					
DS3 with Transmux	S4NGX	\$250.00	\$200.00	\$300.00	
100 Mbps Ethernet (STS-1)					
at OC-3 Node	S9TAX	145.00	130.00	225.00	
100 Mbps Ethernet (STS-1)					
at OC-12 Node	S9TBX	145.00	130.00	225.00	
100 Mbps Ethernet (STS-3C)					
at OC-12 Node	S9TCX	180.00	160.00	280.00	
1 Gbps Ethernet (STS-1)					
at OC-12 Node	S9TDX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-3c)					
at OC-12 Node	S9TEX	250.00	200.00	350.00	
100 Mbps Ethernet (STS-1)					
at OC-48 Node	S9TGX	145.00	130.00	225.00	
100 Mbps Ethernet (STS-3C)					
at OC-48 Node	S9THX	180.00	160.00	280.00	
1 Gbps Ethernet (STS-1)					
at OC-48 Node	S9TJX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-3C)					
at OC-48 Node	S9TKX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-12C)					
at OC-48 Node	S9TLX	600.00	500.00	875.00	
1 Gbps Ethernet (STS-24c)					
at OC-48 Node	S9TMX	900.00	850.00	1,500.00	
- Per port (Re-Map) ⁽¹⁾					
- Per DS1 Re-Map Block					
(consists of 28 DS1 ports)					
at					
OC-3 Ring	P8RAX	1,400.00	1,260.00	1,820.00	
OC-12 Ring	P8RGX	1,400.00	1,260.00	1,820.00	
OC-48 Ring	P8RLX	1,400.00	1,260.00	1,820.00	

⁽¹⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

⁽²⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
|
(N)

Description	USOC	36 Months ⁽⁶⁾	60 Months ⁽⁶⁾	Monthly Extension	(N)
EoS Ports					
Virtual Concatenation (VCAT) ⁽¹⁾					
- per multiplexing function					
10/100 BaseT Ethernet Port	S5P1X	250.00	180.00	350.00	
Bandwidth options for port ⁽²⁾⁽⁴⁾⁽⁵⁾					
VT1.5-1v (1.6 Mbps)					
VT1.5-2v (3.2 Mbps)					
VT1.5-3v (4.8 Mbps)					
VT1.5-4v (6.4 Mbps)					
VT1.5-5v (8.0 Mbps)					
VT1.5-6v (9.6 Mbps)					
VT1.5-7v (11.2 Mbps)					
VT1.5-8v (12.4 Mbps)					
VT1.5-10v (16.0 Mbps)					
VT1.5-13v (20.8 Mbps)					
STS-1-1v (48.38 Mbps)					
STS-1-2v (96.77 Mbps)					
1000 BaseSX Ethernet Port	S5P2X	425.00	350.00	500.00	
1000 BaseLX Ethernet Port	S5P3X	425.00	350.00	500.00	
Bandwidth options for port ⁽³⁾⁽⁴⁾⁽⁵⁾					
STS-1-1v (48.38 Mbps)					
STS-1-2v (96.77 Mbps)					
STS-1-3v (145.15 Mbps)					
STS-1-4v (193.54 Mbps)					
STS-1-5v (241.92 Mbps)					
STS-1-6v (290.30 Mbps)					
STS-1-9v (435.46 Mbps)					
STS-1-12v (580.61 Mbps)					
STS-1-21v (1016.06 Mbps)					
STS-3c-1v (149.76 Mbps)					
STS-3c-2v (299.52 Mbps)					
STS-3c-3v (449.28 Mbps)					
STS-3c-4v (599.04 Mbps)					
STS-3c-7v (1048.32 Mbps)					

⁽¹⁾ Nonrecurring charges apply to EoS Ports, Virtual Concatenation (VCAT). See EoS Port charges in Section 24.5.2.7(C), for applicable nonrecurring charges.

⁽²⁾ Actual payload capacity for selected bandwidth.

⁽³⁾ Actual payload capacity for selected bandwidth applies to both SX and LX.

⁽⁴⁾ Only Single-Mode Fiber is available in the Central Office.

⁽⁵⁾ The EoS line rates defined herein are based on the theoretical SONET payload rates as per GR-253-CORE, Issue 4. These values are not representative of the true Ethernet transport capacity of the EoS circuit.

⁽⁶⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension	(N)
- Per DS3 Re-Map Port					
OC-3 Ring	P8RBX	120.00	110.00	150.00	
- Per DS3 Re-Map Block (consists of 3 DS3 ports) at					
OC-12 Ring	P8RCX	360.00	330.00	450.00	
OC-48 Ring	P8RKX	360.00	330.00	450.00	
- Per DS3 Transmux Re-Map ⁽¹⁾					
RN7TX		250.00	200.00	300.00	
- Per EC-1 Re-Map Port on					
OC-3	S9N6X	120.00	110.00	150.00	
OC-12	S9N8X	120.00	110.00	150.00	
OC-48	S9N9X	120.00	110.00	150.00	
- Per OC-3, OC-3c Re-Map Port at					
OC-12 Ring	P8REX	150.00	130.00	190.00	
OC-48 Ring	P8RJX	150.00	130.00	190.00	
- Per OC-12, OC-12c, Re-Map Port at OC-48 Ring					
P8RHX		375.00	350.00	475.00	

⁽¹⁾ Available for rings established on or after 09/08/07.

⁽²⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per port type		
OC-48 or OC-48c	NRBN9	\$425.00
OC-12 or OC-12c	NRBSZ	400.00
OC-3 or OC-3c	NRBSW	400.00
EC-1	NRBSX	385.00
DS3	NRBSX	385.00
DS3 with Transmux	NRBSX	385.00
DS1	NRBSY	350.00
100 Mbps Ethernet (STS-1)	NRM63	385.00
100 Mbps Ethernet (STS-3c)	NRM64	385.00
1 Gbps Ethernet (STS-1)	NRM65	425.00
1 Gbps Ethernet (STS-3c)	NRM66	425.00
1 Gbps Ethernet (STS-12c)	NRM67	425.00
1 Gbps Ethernet (STS-24c)	NRM68	425.00
10/100 BaseT Ethernet Port	NRM63	385.00
1000 BaseLX Ethernet Port	NRM65	425.00
1000 BaseSX Ethernet Port	NRM66	425.00

(D) Mileage

Per mile between nodes by ring type

	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension	(N)
OC-3	1YAZX	\$260.00	\$220.00	\$330.00	
OC-12	1YAZX	\$260.00	\$220.00	\$330.00	
OC-48	1YAZX	\$260.00	\$220.00	\$330.00	

(E) Optical to Electrical DS1 Add/Drop Capability

Description	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension	(N)
Per OC-3 to DS1 Add/Drop	MXJDX	875.00	700.00	1,050.00	
Re-Map ⁽¹⁾					
-Per OC-3 to DS1 Add/Drop	M8RDX	875.00	700.00	1,050.00	

⁽¹⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

⁽²⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

(E) Optical to Electrical DS1 Add/Drop Capability

<u>Description</u>	<u>USOC</u>	<u>Charge</u>
Nonrecurring charges for Subsequent installation		
-Per OC-3 to DS1 Add/Drop	NRBS6	\$490.00

(F) Dedicated SONET Ring Regenerator

<u>Description</u>		36 <u>Months</u> ⁽¹⁾	60 <u>Months</u> ⁽¹⁾	<u>Monthly Extension</u>	(N)
OC-3 each (as required)	RGY	\$1,000.00	\$800.00	\$1,200.00	
OC-12 each (as required)	RGY	\$2,620.00	\$2,095.00	\$3,140.00	
OC-48 each (as required)	RGY	\$3,275.00	\$2,620.00	\$3,930.00	

<u>Description</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>
Nonrecurring charges for subsequent installation of Regenerator		
-Each (as required)	NRBS5	\$270.00

(G) Shared Network Arrangement

<u>Description</u>	<u>USOC</u>	<u>Nonrecurring Charge</u>
Processing Charge Per Service Order	NRBOP	\$30.00

(H) Installation and Rearrangement Charges

<u>Description</u>	<u>Administrative Charge per Order</u>	<u>Design and Central Office Connection Charge, per Initial Ring</u>
USOC	ORCMX	NRBCL
OC-3	\$60.00	\$600.00
OC-12	\$60.00	\$600.00
OC-48	\$60.00	\$600.00
STS-1	\$60.00	

⁽¹⁾ All term plans for Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

(I) Re-Map Service

Description	USOC	Nonrecurring Charge
Initial Service Script Establishment/Test Charge		
Per OC-3 Ring	NRMR1	2,000.00
Per OC-12 Ring	NRMR1	3,500.00
Per OC-48 Ring	NRMR1	4,500.00
Subsequent Script Activity Charge		
Per OC-3 Ring	NRMR3	1,200.00
Per OC-12 Ring	NRMR3	2,100.00
Per OC-48 Ring	NRMR3	2,700.00
Scheduled Test Charge		
Per OC-3 Ring	NRMR5	1,600.00
Per OC-12 Ring	NRMR5	2,800.00
Per OC-48 Ring	NRMR5	3,600.00
Emergency Re-Map Activation ⁽¹⁾		
-per request		
Per OC-3 Ring	NRMR7	1,800.00
Per OC-12 Ring	NRMR7	3,150.00
Per OC-48 Ring	NRMR7	4,050.00

(N)

⁽¹⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

(N)
(N)
(N)

24.5.2.7.1 OC-192 Dedicated SONET Ring Service

(A) Nodes

Description	USOC	3 year ⁽²⁾	5 Year ⁽²⁾	Monthly Extension	(N)
- Customer Premises					
First	GP5AX	\$19,800.00	\$16,000.00	\$20,000.00	
First Re-Map ⁽¹⁾	RNFAX	19,800.00	16,000.00	33,000.00	
Additional	GP5AA	17,800.00	14,200.00	26,500.00	
Additional Re-Map ⁽¹⁾	RNFAX	17,800.00	14,200.00	29,475.00	
- Central Office	GC5AX	17,800.00	14,200.00	26,500.00	

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per Node		
Customer Premises	NRBS7	\$400.00
Customer Premises Re-Map ⁽¹⁾	NRBS7	400.00
Central Office	NRBSV	325.00

⁽¹⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August, 2013.

⁽²⁾ All term plans for OC-192 Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

(B) Add/Drop Capability

Description	USOC	3 year ⁽⁴⁾	5 Year ⁽⁴⁾	Monthly Extension	(N)
Per Arrangement -(per node) ⁽¹⁾ not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXRGX	\$5,000.00	\$4,000.00	\$7,000.00	
- Re-Map ⁽²⁾⁽³⁾	M8RGX	\$4,500.00	\$3,600.00	\$7,000.00	

Description	USOC	Nonrecurring Charge		
Subsequent Installation Optical/Electrical of DS3 Add/Drop	NRBS8	\$490.00		

(C) Ports

Description	USOC	3 Year ⁽⁴⁾	5 Year ⁽⁴⁾	Monthly Extension	(N)
- Per Port					
DS1	S9QWX	50.00	45.00	65.00	
DS3	S9QGX	\$120.00	\$110.00	\$150.00	
DS3 w/Transmux ⁽²⁾	S4NGX	250.00	200.00	300.00	
EC1	S9TZX	120.00	110.00	150.00	
OC-3,OC-3c	S9NEX	135.00	120.00	225.00	
OC-12,OC-12c	S9NGX	325.00	200.00	600.00	
OC-48,OC-48c	S9NJX	825.00	760.00	1,350.00	
OC-192 at OC-192 Node	S9T4X	2,400.00	2,100.00	4,000.00	
100 Mbps Ethernet (STS-1) at OC-192	S9TNX	145.00	120.00	225.00	
100 Mbps Ethernet (STS-3c) at OC-192 node	S9TOX	180.00	160.00	280.00	
1 Gbps Ethernet (STS-1) at OC-192 node	S9TPX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-3c) at OC-192 node	S9TQX	250.00	200.00	350.00	
1 Gbps Ethernet (STS-12c) at OC-192 node	S9TRX	600.00	500.00	875.00	
1 Gbps Ethernet (STS-24c) at OC-192 node	S9TSX	900.00	850.00	1500.00	

⁽¹⁾ The OC-192 Add/Drop Capability charge is applied to all nodes, excluding regenerators and CO nodes without drop ports.

⁽²⁾ Available for rings established on or after 09/08/07.

⁽³⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

⁽⁴⁾ All term plans for OC-192 Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	36 Months ⁽⁶⁾	60 Months ⁽⁶⁾	Monthly Extension	(N)
EoS Ports					
Virtual Concatenation (VCAT) ⁽¹⁾					
- per multiplexing function					
10/100 BaseT Ethernet Port	S5P1X	250.00	180.00	350.00	
Bandwidth options for					
port ⁽²⁾⁽⁴⁾⁽⁵⁾					
VT1.5-1v (1.6 Mbps)					
VT1.5-2v (3.2 Mbps)					
VT1.5-3v (4.8 Mbps)					
VT1.5-4v (6.4 Mbps)					
VT1.5-5v (8.0 Mbps)					
VT1.5-6v (9.6 Mbps)					
VT1.5-7v (11.2 Mbps)					
VT1.5-8v (12.4 Mbps)					
VT1.5-10v (16.0 Mbps)					
VT1.5-13v (20.8 Mbps)					
STS-1-1v (48.38 Mbps)					
STS-1-2v (96.77 Mbps)					
1000 Base SX Ethernet Port	S5P2X	425.00	350.00	500.00	
1000 Base LX Ethernet Port	S5P3X	425.00	350.00	500.00	
Bandwidth options for					
port ⁽³⁾⁽⁴⁾⁽⁵⁾					
STS-1-1v (48.38 Mbps)					
STS-1-2v (96.77 Mbps)					
STS-1-3v (145.15 Mbps)					
STS-1-4v (193.54 Mbps)					
STS-1-5v (241.92 Mbps)					
STS-1-6v (290.30 Mbps)					
STS-1-9v (435.46 Mbps)					
STS-1-12v (580.61 Mbps)					
STS-1-21v (1016.06 Mbps)					
STS-3c-1v (149.76 Mbps)					
STS-3c-2v (299.52 Mbps)					
STS-3c-3v (449.28 Mbps)					
STS-3c-4v (599.04 Mbps)					
STS-3c-7v (1048.32 Mbps)					

(1) Nonrecurring charges apply to EoS Ports, Virtual Concatenation (VCAT). See EoS Port charges in Section 24.5.2.7.1(C), for applicable nonrecurring charges.

(2) Actual payload capacity for selected bandwidth.

(3) Actual Payload capacity for selected bandwidth applies to both SX and LX.

(4) Only Single-Mode Fiber is available in the Central Office.

(5) The EoS line rates defined herein are based on the theoretical SONET payload line rates as per GR-253-CORE, Issue 4. These values are not representative of the true Ethernet transport capacity of the EoS circuit.

(6) All term plans for OC-192 Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	36 Months ⁽³⁾	60 Months ⁽³⁾	Monthly Extension	(N)
- Per port (Re-Map) ⁽²⁾ Per DS1 Re-Map Block (consists of 28 DS1 ports) at OC-192 Ring	RN76X	\$1400.00	\$1260.00	\$1820.00	
Per DS3 Re-Map Block (consists of 3 DS3 ports at OC-192 Ring	RN77X	360.00	330.00	400.00	
Per DS3 Re-Map Port at OC-192 Ring	RN71X	120.00	110.00	150.00	
Per DS3 Transmux Re-map ⁽¹⁾	RN7TX	250.00	200.00	300.00	
Per EC-1 Re-Map Port at OC-192 Ring	S4NMX	120.00	110.00	150.00	
Per OC-3 Re-Map Port at OC-192 Ring	RN72X	150.00	135.00	190.00	
Per OC-12 Re-Map Port at OC-192 Ring	RN73X	375.00	360.00	475.00	
Per OC-48 Re-Map Port at OC-192 Ring	RN74X	825.00	700.00	1425.00	

⁽¹⁾ Available for rings established on or after 09/08/07.

⁽²⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

⁽³⁾ All term plans for OC-192 Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per port type		
DS1	NRBSY	\$350.00
DS3	NRBSX	385.00
DS3 w/Transmux ⁽¹⁾	NRBSX	385.00
EC-1	NRBSX	385.00
OC-3,OC-3c	NRBSW	400.00
OC-12,OC-12c	NRBSZ	400.00
OC-48,OC-48c	NRBN9	425.00
OC-192	NRBN2	850.00
100 Mbps Ethernet (STS-1) at OC-192	NRM63	385.00
100 Mbps Ethernet (STS-3c) at OC-192 node	NRM64	385.00
1 Gbps Ethernet (STS-1) at OC-192 node	NRM65	425.00
1 Gbps Ethernet (STS-3c) at OC-192 node	NRM66	425.00
1 Gbps Ethernet (STS-12c) at OC-192 node	NRM67	425.00
1 Gbps Ethernet (STS-24c) at OC-192 node	NRM68	425.00
10/100 BaseT Ethernet Port	NRM63	385.00
1000 BaseLX Ethernet Port	NRM65	425.00
1000 BaseSX Ethernet Port	NRM66	425.00

(D) Mileage

Description	USOC	3 Year ⁽³⁾	5 Year ⁽³⁾	Monthly Extension	(N)
Per mile between nodes ⁽²⁾	1YAZX	\$260.00	\$220.00	\$330.00	

(E) Ring Regenerator

	USOC	3 Year ⁽³⁾	5 Year ⁽³⁾	Monthly Extension	(N)
Each (as required)	RGY	\$9,250.00	\$7,400.00	\$13,875.00	

⁽¹⁾ Available for rings established on or after 09/08/07.

⁽²⁾ A two-node ring configuration has a two-mile minimum, one mile from the CO node to the customer premises node, and one mile from the customer premises node to the CO node.

⁽³⁾ All term plans for OC-192 Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation of Regenerator		
-Each (as required)	NRBS5	\$270.00

(F) Shared Network Arrangement

Description	USOC	Nonrecurring Charge
Processing Charge Per Service Order	NRBOP	\$20.00

(G) Installation and Administrative Charges

Description	USOC	Nonrecurring Charge
STS-1 Service	ORCMX	\$60.00
Administrative Charge per Service Order	ORCMX	60.00
Design and Central Office Connection Charge, per Initial Ring	NRBCL	2,250.00 ⁽¹⁾

Description	USOC	Nonrecurring Charge
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Re-Map Service ⁽²⁾			(N)
Initial Service Script Establishment/ Test Charge	NRMR1	\$5,500.00	
Subsequent Script Activity Charge	NRMR3	3,200.00	
Scheduled Test Charge	NRMR5	4,200.00	
Emergency Re-Map Activation (per request)	NRMR7	5,000.00	

⁽¹⁾ Per Ring Charge for Dedicated Ring Service is applied once per original ring installed.

⁽²⁾ Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013. (N)
(N)

(H) Optical-to-Electrical Add/Drop Capability

Description	USOC	Nonrecurring Charge			(N)
Subsequent Installation Per OC-3 to DS1 Add/Drop	NRBS6	\$490.00			
Subsequent Installation Optical/Electrical of DS3 Add/Drop	NRBS8	490.00			
Description	USOC	3 Year ⁽⁵⁾	5 Year ⁽⁵⁾	Monthly Extension	(N)
Per Arrangement ⁽¹⁾ -(per node) not to exceed any configurable combination of electrical ports beyond 192 STS-1 equivalents	MXJGX	\$2,500.00	\$2,000.00	\$3,500.00	
- Re-Map ⁽²⁾⁽⁴⁾ Per Optical to Electrical DS-3 Add/Drop Capability	M6JGX	\$2,500.00	\$2,000.00	\$3,500.00	
Per OC-3 to DS-1 Add/Drop ⁽³⁾	MXJDX	875.00	700.00	1,050.00	
Re-Map ⁽⁴⁾ Per OC-3 to DS-1 Add/Drop ⁽³⁾	M8RDX	875.00	700.00	1,050.00	

(1) When electrical drops are required, the Optical-to-Electrical Add/Drop Capability charge is applied in addition to the Add/Drop Capability charge set forth in Section 32.4(B), following.

(2) Available for rings established on or after 09/08/07.

(3) An OC-3 port charge is needed with each Optical-to-Electrical Add/Drop Capability - Per OC-3 to DS-1 Add/Drop.

(4) Effective August 1, 2013, availability of Re-Map nodes is limited to Re-Map nodes that are in service or have been ordered prior to August 1, 2013.

(5) All term plans for OC-192 Dedicated SONET Ring Service which are established or renewed after November 9, 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 existing on or after February 1, 2019, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

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(N)

24.5.2.9 Optical Carrier Network (OCN) Point-to-Point Service

(A) OC-3/OC-3c

	<u>USOC</u>	<u>1 year</u> ⁽¹⁾	<u>3 year</u> ⁽¹⁾	<u>5 year</u> ⁽¹⁾	<u>Mo. Ext.</u>	(N)
(1) <u>Local Distribution Channel</u> -Per Point of Termination	TMECS	\$2,100.00	\$1,700.00	\$1,300.00	\$2,503.00	
(2) <u>Interoffice Transport</u> -Mileage						
-Fixed	1L5XX	\$1,100.00	\$975.00	\$886.00	\$1,705.00	
-Per Mile	1L5XX	\$260.00	\$260.00	\$220.00	\$385.00	
(3) <u>Collocation Transport</u> -Transport Facilities between Collocation Arrangements						
-Fixed	1H48S	\$1,100.00	\$975.00	\$886.00	\$1,650.00	
-Per Mile	1H48S	\$260.00	\$260.00	\$220.00	\$385.00	
(4) <u>Optional Features and Functions</u>						
(a) OC-3 Add/Drop Multiplexing*						
-Per Arrangement	MPECX	\$1,500.00	\$1,200.00	\$950.00	\$1,650.00	
(b) Add/Drop Function		<u>Monthly</u>		<u>Nonrecurring Charge</u>		
-Per DS3	MXJBX	\$150.00		\$0		
-Per DS1	MXJAX	\$55.00		\$0		
-Per 1000 Base LX	MX4LX	\$500.00		\$0		

*Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(c) <u>1+1 Protection</u>				
-Per OC-3/OC-3c Customer Premises				(C) (C)
	P8T	\$300.00	\$0	
(d) <u>1+1 Protection with Cable Survivability</u>				
-Per OC-3/OC-3c Customer Premises				(C) (C)
	P3S	\$300.00	\$500.00	
(e) <u>1+1 Protection with Route Survivability</u>				
-Per OC-3/OC-3c Customer Premises				(C) (C)
	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		
-Per Quarter Route Mile	S2DXY	\$50.00	\$0	
(f) <u>Shared Network Arrangement</u>				
-Processing Charge per Service Order	NRBOP	\$0	\$30.00	
(g) <u>Diversity</u> ⁽¹⁾				
-Per Quarter Route mile	S2DXY	\$50.00	\$0	
-Per OC-3/OC-3c	CPAPA	\$200.00	\$0	

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

(5) Moves (OC-3/OC-3c)

(a) Moves within the same building

See Part 2, Section 2 of this Guidebook, for rates and charges.

(b) Moves to a different building

See Part 2, Section 2 of this Guidebook, for rates and charges.

(c) Service Rearrangement

See Part 2, Section 2 of this Guidebook, for rates and charges.

(B) OC-12/OC-12c

	<u>USOC</u>	<u>1 year</u> ⁽¹⁾	<u>3 year</u> ⁽¹⁾	<u>5 year</u> ⁽¹⁾	<u>Mo. Ext.</u>	(N)
(1) <u>Local Distribution Channel</u> -Per Point of Termination	TMECS	\$4,560.00	\$4,000.00	\$3,000.00	\$5,775.00	
(2) <u>Interoffice Transport</u> -Mileage -Fixed	1L5XX	\$3,420.00	\$2,925.00	\$2,250.00	\$4,510.00	
-Per Mile	1L5XX	\$247.00	\$260.00	\$220.00	\$385.00	
(3) <u>Collocation Transport</u> -Transport Facilities between Collocation Arrangements						
-Fixed	1H48S	\$3,600.00	\$2,925.00	\$2,250.00	\$4,510.00	
-Per Mile	1H48S	\$260.00	\$260.00	\$220.00	\$385.00	

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
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(N)

(4) <u>Optional Features and Functions</u>	<u>USOC</u>	<u>1 year</u> ⁽¹⁾	<u>3 year</u> ⁽¹⁾	<u>5 year</u> ⁽¹⁾	<u>Mo. Ext.</u>	(N)
(a) OC-12 Add/Drop Multiplexing* -Per Arrangement	MPEDX	\$3,200.00	\$2,800.00	\$2,100.00	\$3,575.00	
(b) Add/Drop Function		<u>Monthly</u>		<u>Nonrecurring Charge</u>		
-Per OC-3	MXJCX	\$250.00		\$0		
-Per DS3	MXJBX	\$150.00		\$0		
-Per 1000 Base LX	MX4LX	\$500.00		\$0		
(c) <u>1+1 Protection</u> -Per OC-12/OC-12c Customer Premises		P8T	\$400.00	\$0		
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-12/OC-12c Customer Premises		P3S	\$400.00	\$600.00		
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-12/OC-12c Customer Premises		P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)			
-Per Quarter Route Mile	S2DXY	\$100.00	\$0			
(f) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00			

*Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
|
(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>			
(g) <u>Diversity</u> ⁽¹⁾						
-Per Quarter						
Route mile	S2DXY	\$50.00			\$0	
-Per OC-12/OC-12c	CPAPA	\$200.00			\$0	
(5) <u>Moves (OC-12/OC-12c)</u>						
(a) <u>Moves within the same building</u>						
See Part 2, Section 2 of this Guidebook, for rates and charges.						
(b) <u>Moves to a different building</u>						
See Part 2, Section 2 of this Guidebook, for rates and charges.						
(c) <u>Service Rearrangement</u>						
See Part 2, Section 2 of this Guidebook, for rates and charges.						
(C) <u>OC-48/OC-48c</u>						
	<u>USOC</u>	<u>1 year</u> ⁽²⁾	<u>3 year</u> ⁽²⁾	<u>5 year</u> ⁽²⁾	<u>Mo. Ext.</u>	(N)
(1) <u>Local Distribution Channel</u>						
-Per Point of Termination						
	TMECS	\$10,830.00	\$9,800.00	\$7,000.00	\$13,475.00	
(2) <u>Interoffice Transport</u>						
-Mileage						
-Fixed	1L5XX	\$6,365.00	\$5,625.00	\$4,500.00	\$8,663.00	
-Per Mile	1L5XX	\$285.00	\$260.00	\$220.00	\$385.00	
(3) <u>Collocation Transport</u>						
-Transport Facilities between Collocation Arrangements						
- Fixed	1H48S	\$6,700.00	\$5,625.00	\$4,500.00	\$8,663.00	
-Per Mile	1H48S	\$300.00	\$260.00	\$220.00	\$385.00	

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

⁽²⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates.

(N)
|
(N)

	<u>USOC</u>	<u>1 year</u> ⁽¹⁾	<u>3 year</u> ⁽¹⁾	<u>5 year</u> ⁽¹⁾	<u>Mo. Ext.</u>	(N)
(4) <u>Optional Features and Functions</u>						
(a) <u>OC-48 Add/Drop Multiplexing*</u> -Per Arrangement	MXRFX	\$5,550.00	\$4,625.00	\$3,700.00	\$6,375.00	
(b) <u>Add/Drop Function</u>			<u>Monthly</u>	<u>Nonrecurring Charge</u>		
-Per OC-12	MXJEX		\$625.00	\$0		
-Per OC-3	MXJCX		\$250.00	\$0		
-Per DS3	MXJBX		\$150.00	\$0		
-Per 1000 Base LX	MX4LX		\$500.00	\$0		
(c) <u>1+1 Protection</u> -Per OC-48 Customer Premises	P8T		\$1,200.00	\$0		
(d) <u>1+1 Protection with Cable Survivability</u> -Per OC-48 Customer Premises	P3S		\$1,200.00	\$700.00		
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-48 Customer Premises	P8T					
				(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		
-Per Quarter Route Mile	S2DXY		\$125.00	\$0		
(f) <u>Point-to-Point OC-48 Regenerator</u> -each	RGY48		\$5,500.00	\$0		

*Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. (N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(g) <u>Shared Network Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00	
(h) <u>Diversity</u> ⁽¹⁾ -Per Quarter Route mile	S2DXY	\$125.00	\$0	
-Per OC-48/OC-48c	CPAPC	\$700.00	\$0	
(5) <u>Moves (OC-48)</u>				
(a) <u>Moves within the same building</u> See Part 2, Section 2 of this Guidebook, for rates and charges.				
(b) <u>Moves to a different building</u> See Part 2, Section 2 of this Guidebook, for rates and charges.				
(c) <u>Service Rearrangement</u> See Part 2, Section 2 of this Guidebook, for rates and charges.				
(D) <u>OC-192/OC-192c</u>				
	<u>USOC</u>	<u>3 year</u> ⁽²⁾	<u>5 year</u> ⁽²⁾	<u>Mo. Ext.</u> (N)
(1) <u>Local Distribution Channel</u> -Per Point of Termination	TMECS	\$29,400.00	\$21,000.00	\$39,600.00
(2) <u>Interoffice Transport</u> -Mileage				
-Fixed	1L5XX	\$16,875.00	\$13,500.00	\$25,988.00
-Per Mile	1L5XX	\$360.00	\$300.00	\$495.00

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

⁽²⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. (N)

	<u>USOC</u>	<u>3 year</u> ⁽¹⁾	<u>5 year</u> ⁽¹⁾	<u>Mo. Ext.</u>	(N)
(3) <u>Collocation</u> <u>Transport</u> -Transport Facilities between Collocation Arrangements					
-Fixed	1H48S	\$16,875.00	\$13,500.00	\$25,988.00	
-Per Mile	1H48S	\$360.00	\$300.00	\$495.00	
(4) <u>Optional</u> <u>Features and</u> <u>Functions</u>					
(a) OC-192 Add/Drop Multiplexing*					
-Per Arrangement	MXRGX	\$12,000.00	\$9,600.00	\$16,800.00	
(b) Add/Drop Function	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>		
-Per OC-48	MXJFX	\$1,800.00	\$0		
-Per OC-12	MXJEX	\$625.00	\$0		
-Per OC-3	MXJCX	\$250.00	\$0		
-Per 1000 Base LX	MX4LX	\$500.00	\$0		
(c) <u>1+1 Protection</u> -Per OC-192/OC-192c Customer Premises	P8T	\$2,700.00	\$0		
(d) <u>1+1 Protection</u> <u>with Cable</u> <u>Survivability</u> -Per OC-192/ OC-192c Customer Premises	P3S	\$2,700.00	\$800.00		

*Concatenated services cannot be multiplexed.

⁽¹⁾ All term plans for OCN Point-to-Point Service which are established or renewed after November 9, 2013, for term lengths which are scheduled to expire at any time after December 31, 2017, will instead expire on December 31, 2017. All such services existing on or after December 31, 2017, will be provided on a month-to-month basis at the applicable, then current month-to-month rates. (N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
(e) <u>1+1 Protection with Route Survivability</u> -Per OC-192/ OC-192c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)	(C) (C)
-Per Quarter Route Mile	S2DXY	\$150.00	\$0
(f) <u>Point-to-Point OC-192 Regenerator</u> -each	RGY	\$11,000.00	\$0
(g) <u>Diversity</u> ⁽¹⁾ -Per Quarter Route mile	S2DXY	\$150.00	\$0
-Per OC-192/ OC-192c	CPAPD	\$1200.00	\$0

(5) Moves (OC-192/OC192c)

(a) Moves within the same building

See Part 2, Section 2 of this Guidebook, for rates and charges.

(b) Moves to a different building

See Part 2, Section 2 of this Guidebook, rates and charges.

(c) Service Rearrangement

See Part 2, Section 2 of this Guidebook, for rates and charges.

⁽¹⁾ The Per Quarter Route Mile is required for one or both ends of the second service when both services terminate at the same customer premises.

(E) Installation and Rearrangement Charges

	Administrative Charge, per Order	Design and Central Office Connection Charge, per circuit	Customer Connection, Charge, per termination
USOC	ORCMX	NRBCL	NRBBL
OC-3/OC-3c	\$60.00	\$ 375.00	\$450.00
OC-12/OC-12c	60.00	375.00	450.00
OC-48/OC-48c	60.00	500.00	600.00
OC-192/OC-192c	60.00	2,250.00	600.00
Ethernet 100 Base	60.00		(N)
Ethernet 1000 Base	60.00		(N)

(A) Recurring Charges

	USOC	Mo. Ext.	Term Pricing Plan		
			12 Mo.	36 Mo.	60 Mo.
(1) Local Distribution Channel -Per Point of Termination -Terminating Bit -Rate 1 Gbps	TMECS	\$3,800.00	\$3,300.00	\$2,850.00	\$2,500.00
(2) Interoffice Transport Mileage -Fixed	1L5XX	\$250.00	\$250.00	\$200.00	\$100.00
-Per Mile -1 Gbps	1L5XX	\$125.00	\$125.00	\$100.00	\$75.00
(3) Repeater -each	VU4	\$2,500.00	\$2,400.00	\$1,150.00	\$850.00
(4) Diversity Options -Local Channel Diversity -Per Channel Terminating Bit -Rate 1 Gbps -All States	CPALX	\$750.00	\$750.00	\$750.00	\$750.00
-Inter Wire Center Diversity -Per Channel Terminating Bit -Rate 1 Gbps -All States	CPATX	\$500.00	\$500.00	\$500.00	\$500.00

SECTION 24 - Metropolitan Statistical Area Access Services

	USOC	Mo. Ext.	Term Pricing Plan			NRC
			12 Mo.	36 Mo.	60 Mo.	
(4) Diversity Options (Cont'd)						
-Alternate Wire Center Diversity						
-Per Channel Termination bit						
-Rate 1 Gbps						
-All States	CPAAX	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	
(5) Protection - per GigaMAN® service arranged						
-Equipment Only Protection, per terminating end	CPAEX	1,500.00	\$1,375.00	1,050.00	900.00	\$625.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	2,460.00	2,050.00	1,600.00	1,400.00	1,400.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	2,190.00	1,825.00	1,425.00	1,225.00	1,225.00

SECTION 24 - Metropolitan Statistical Area Access Services

	USOC	Mo. Ext.	Term Pricing Plan			NRC
			12 Mo.	36 Mo.	60 Mo.	
(5) Protection - per GigaMAN® service arranged (Cont'd)						
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	475.00	375.00	150.00	100.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	480.00	435.00	475.00

(B) Installation and Rearrangement Charges

	USOC	Nonrecurring Charge		
		12 Months	36 Months	60 Months
(1) Administrative -Charge per Order	ORCMX	\$60.00	\$60.00 ⁽²⁾	\$60.00 ⁽²⁾
(2) Design Central Office Connection -Charge per circuit	NRBCL	\$230.00	\$230.00 ⁽²⁾	\$230.00 ⁽²⁾
(3) Customer Connection -Charge per termination	NRBBL	\$1,500.00	\$1,500.00 ⁽²⁾	\$1,500.00 ⁽²⁾

⁽¹⁾ Power protection rate elements are applicable as set forth in 7.17.11(A)(4) preceding.

⁽²⁾ The Administrative, Design Central Office Connection and Customer Connection non-recurring charges will be waived for 36 and 60-month terms for new service.

24.5.2.11 Multi-service Optical Network (MON) Ring Service⁽¹⁾ (N)

(A) Nonrecurring Charges

	<u>USOC</u>	<u>Nonrecurring Charge</u>
(1) Administrative Charge - per customer order	ORCMX	\$125.00
(2) Design and Central Office Connection Charge - per network and per riding circuit	NRBCL	600.00
(3) Customer Connection Charge (Service Establishment) - per node	NRBBL	7,500.00
(4) Customer Connection Charge (Subsequent Installation) - per subsequent shelf	NHCNL	1,000.00

⁽¹⁾ Effective December 10, 2012, new Multi-service Optical Network (MON) Ring Service term plans are no longer available. Following the expiration of their existing term plans, MON Ring Service Customers may continue to purchase service on a month-to-month basis. Customers will be permitted to modify their existing service and will be able to add new circuits to their existing service, but will not be permitted to add new nodes in new locations. Any such new circuits will be subject to, and coterminous with, the Customer's existing term payment plan or term agreement for the service to which they are added. (N)

(B) Recurring Charges

	<u>USOC</u>	<u>Monthly 3 Year</u>	<u>Rates 5 Year</u>	<u>Monthly Extension</u>
(1) Customer Premises Node (includes first shelf)	F2ND1	\$7,800.00	\$6,240.00	\$10,920.00
(2) Customer Premises Node - per subsequent shelf	F2NDS	5,850.00	4,680.00	8,190.00
(3) Central Office Node (includes first shelf)	F2NC1	7,800.00	6,240.00	10,920.00
(4) Central Office Node - per subsequent shelf	F2NCS	5,850.00	4,680.00	8,190.00
(5) Interoffice Transport Mileage - Fixed	1L5XX	325.00	260.00	455.00
- Per Mile	1L5XX	325.00	260.00	455.00
(6) Optical Amplifier - C band (per location)	67QXX	5,400.00	3,600.00	7,600.00
- L ⁽¹⁾ band (per location)	67QSX	5,400.00	3,600.00	7,600.00
(7) Regenerator - (as required) -up to 2.5 Gbps (per shelf)	V8RXX	7,500.00	5,000.00	10,500.00
-up to 10 Gbps (per circuit)	V8R2C	15,000.00	10,000.00	21,000.00
(8) Bulk Power -per first shelf, for shelves 1 thru 4	CBVDX	2,000.00	1,600.00	2,600.00
(9) Bulk Power -per fifth subsequent shelf for shelves 5 thru 8	CBVDS	1,600.00	1,300.00	2,100.00

⁽¹⁾ Available where facilities and equipment permit. This condition only applies to customers purchasing this service after 09/08/07.

(T)

(C) Ports

-per port/per circuit terminating location

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly Extension</u>
		<u>3 Year</u>	<u>5 Year</u>	
(1) ETR/CLO ^{TM/1/} - unprotected channel	POYKW	\$975.00	\$750.00	\$1,400.00
(2) FICON ^{TM/1/} (1.0625 Gbps) - unprotected channel	POYMW	975.00	750.00	1,400.00
- protected channel	POYMP	1,950.00	1,500.00	2,800.00
(3) FICON ^{TM/1/} (2.125 Gbps) - unprotected channel	POYWW	1,700.00	1,300.00	2,400.00
- protected channel	POYWP	3,400.00	2,600.00	4,800.00
(4) ISC-1 ^{TM/1/} - unprotected channel	POYJW	1,800.00	1,250.00	2,500.00
- protected channel	POYJP	3,600.00	2,500.00	5,000.00
(5) ISC-3 ^{TM/1/} - unprotected channel	POY9W	3,750.00	2,500.00	5,000.00
- protected channel	POY9P	7,500.00	5,000.00	10,000.00
(6) Fibre Channel (1.0625 Gbps) - unprotected channel	POYNW	1,200.00	900.00	1,700.00
- protected channel	POYNP	2,400.00	1,800.00	3,400.00

/1/ ESCONTM, ETR/CLOTM, FICONTM, ISC-1TM, ISC-3TM and GDPSTM are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

-per port/per circuit terminating location

	USOC	Monthly Rates		Monthly Extension
		3 Year	5 Year	
(7) Fibre Channel (2.125 Gbps)				
-unprotected channel	POYYW	\$1,700.00	\$1,300.00	\$2,400.00
-protected channel	POYYP	3,400.00	2,600.00	4,800.00
(8) Gigabit Ethernet				
- unprotected channel	POYLW	1,200.00	900.00	1,700.00
- protected channel	POYLP	2,400.00	1,800.00	3,400.00
(9) 10 Gigabit Ethernet (WAN-PHY)				
- unprotected channel	POYTW	15,000.00	12,500.00	21,000.00
- protected channel	POYTP	20,000.00	16,700.00	28,000.00
(10) 10 Gigabit Ethernet (LAN-PHY)				
- unprotected channel	POYUW	15,375.00	12,815.00	21,525.00
- protected channel	POYUP	20,500.00	17,120.00	28,700.00
(11) SONET OC-12/OC-12c				
- unprotected channel	POYFW	1,300.00	1,000.00	1,900.00
- protect channel	POYFP	2,600.00	2,000.00	3,700.00
(12) SONET OC-48/48c				
- unprotected channel	POYGW	4,400.00	3,700.00	6,000.00
- protected channel	POYGP	6,600.00	5,560.00	9,000.00
(13) SONET OC-192/192c				
- unprotected channel	POYOW	15,000.00	12,500.00	21,000.00
- protected channel	POYOP	20,000.00	16,700.00	28,000.00

-per port/per circuit terminating location

	USOC	Monthly Rates		Monthly Extension
		3 Year	5 Year	
(14) Sub-Rate System ⁽⁴⁾				
- unprotected channel	POYSW	\$1,300.00	\$1,000.00	\$1,900.00
- protected channel	POYSP	2,600.00	2,000.00	3,700.00
(15) ESCON TM Riding Circuit ⁽¹⁾⁽²⁾⁽⁴⁾				
- unprotected channel	POYHW	100.00	100.00	150.00
- protected channel	POYHP	100.00	100.00	150.00
(16) Fast Ethernet Riding Circuit ⁽²⁾⁽⁴⁾				
- unprotected channel	POYCW	325.00	250.00	500.00
- protected channel	POYCP	500.00	400.00	800.00
(17) D1 Video Riding Circuit ⁽²⁾⁽⁴⁾				
- unprotected channel	POYVW	100.00	100.00	150.00
- protected channel	POYVP	100.00	100.00	150.00
(18) DVB-ASI Riding Circuit ⁽⁴⁾				
- unprotected channel	POY5W	100.00	100.00	150.00
- protected channel	POY5P	100.00	100.00	150.00
(19) SONET OC-3/OC-3c Riding Circuit ⁽³⁾⁽⁴⁾				
- unprotected channel	POYEW	100.00	100.00	150.00
- protected channel	POYEP	100.00	100.00	150.00
(20) GigE/FC/FICON ^{TM(1)} Sub-Rate System				
- unprotected channel	POY1W	875.00	700.00	1,140.00
- protected channel	POY1P	1,750.00	1,400.00	2,280.00
(21) GigE Riding Circuit ⁽⁵⁾				
- unprotected channel	POY4W	500.00	400.00	650.00
- protected channel	POY4P	1,000.00	800.00	1,300.00
(22) Fibre Channel Riding Circuit ⁽⁵⁾				
- unprotected channel	POY6W	500.00	400.00	650.00
- protected channel	POY6P	1,000.00	800.00	1,300.00

(1) ESCONTM, ETR/CLOTM, FICONTM, ISC-1TM, ISC-3TM and GDPSTM are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

(2) Available only when ordered with Sub-Rate System or ESCONTM Sub-Rate System.

(3) Available only when ordered with Sub-Rate System or OC-3/OC-12 Sub-Rate System.

(4) Available only where facilities and equipment permit. This condition only applies to Customers purchasing this service after 09/08/07. (T)

(5) Available only when ordered with Gig/E/FC/FICON^{TM(1)} Sub-Rate System.

-per port/per circuit terminating location

	<u>USOC</u>	<u>Monthly Rates</u> <u>3 Year</u>	<u>5 Year</u>	<u>Monthly Extension</u>
(23) FICON ^{TM/1/2/} Riding Circuit				
- unprotected channel	POY7W	400.00	320.00	480.00
- protected channel	POY7P	800.00	640.00	960.00
(24) ESCON ^{TM/1/4/} Sub-Rate System				
- unprotected channel	POY2W	1,500.00	1,125.00	1,950.00
- protected channel	POY2P	3,000.00	2,250.00	3,900.00
(25) OC-3/OC-3c and OC-12/OC-12c ^{/4/} Sub-Rate System				
- unprotected channel	POY3W	1,000.00	750.00	1,300.00
- protected channel	POY3P	2,000.00	1,500.00	2,600.00
(26) OC-12/OC-12c ^{/3/4/} Riding Circuit				
- unprotected channel	POY5W	500.00	375.00	700.00
- protected channel	POY5P	1,000.00	750.00	1,400.00
(27) DVB-ASI				
- unprotected channel	POY8W	2,100.00	1,650.00	3,075.00
- protected channel	POY8P	4,200.00	3,300.00	5,775.00
(28) ESCON ^{TM/4/}				
- unprotected channel	PWY1W	1,300.00	1,000.00	1,900.00
- protected channel	PWY1P	2,600.00	2,000.00	3,700.00
(29) Fast Ethernet ^{/4/}				
- unprotected channel	PWY2W	1,300.00	1,000.00	1,900.00
- protected channel	PWY2P	2,600.00	2,000.00	3,700.00
(30) D1 Video				
- unprotected channel	PWY3W	1,300.00	1,000.00	1,900.00
- protected channel	PWY3P	2,600.00	2,000.00	3,700.00
(31) SONET OC-3/OC-3c ^{/4/}				
- unprotected channel	PWY4W	1,300.00	1,000.00	1,900.00
- protected channel	PWY4P	2,600.00	2,000.00	3,700.00
(32) OC-48/OC-48c SONET Sub-Rate System 4:1 ^{/4/}				
- unprotected channel	POYRW	3,500.00	2,750.00	4,250.00
- protected channel	POYRP	7,000.00	5,500.00	8,500.00
(33) SONET OC-48/OC-48c ^{/4/5/} Riding Circuit				
- unprotected channel	POYZW	1,900.00	1,200.00	2,800.00
- protected channel	POYZP	3,800.00	2,400.00	5,600.00

- (1) ESCONTM, ETR/CLOTM, FICONTM, ISC-1TM, ISC-3TM and GDPSTM are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.
- (2) Available only when ordered with GigE/FC/FICON^{TM/1/} Sub-Rate System.
- (3) Available only when ordered with Sub-Rate System or OC-3/OC-12 Sub-Rate System.
- (4) Available only where facilities and equipment permit. This condition only applies to(T) customers purchasing this service after 09/08/07.
- (5) Available only when ordered with an OC-48 Sub-rate System.

(1) Recurring Charges

(a) OC-48

	USOC	Monthly Extension	Term Pricing Plan				NRC
			12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(1) Local Distribution Channel -Per Point of Termination Terminating Bit Rate 2.5 Gbps -All States	TMECS	\$9,000.00	\$7,500.00	\$6,000.00	\$4,700.00	\$3,800.00	
(2) Interoffice Transport Mileage -Fixed -All States	1L5XX	\$1,400.00	\$1,100.00	\$800.00	\$600.00	\$500.00	
-Per Mile 2.5 Gbps -All States	1L5XX	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	
(3) Repeater -each	VU4	\$3,100.00	\$2,640.00	\$2,100.00	\$1,500.00	\$1,300.00	
(4) Diversity Options Local Channel Diversity -Per Channel Terminating Bit Rate 2.5 Gbps -All States	CPALX	\$1,400.00	\$1,200.00	\$1,000.00	\$900.00	\$800.00	\$850.00
Inter Wire Center Diversity -Per Channel Terminating Bit Rate 2.5 Gbps -All States	CPATX	\$1,050.00	\$800.00	\$700.00	\$600.00	\$500.00	\$700.00
Alternate Wire Center Diversity -Per Channel Terminating Bit Rate 2.5 Gbps -All States	CPAAX	\$2,500.00	\$1,900.00	\$1,700.00	\$1,400.00	\$1,200.00	\$950.00

SECTION 24 - Metropolitan Statistical Area Access Services

	USOC	Monthly		Term Pricing Plan			NRC
		Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(5) Protection - per WaveMAN SM service arranged							
-Equipment Only Protection, per terminating end	CPAEX	\$2,250.00	\$2,000.00	\$1,800.00	\$1,550.00	\$1,350.00	\$625.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	\$3,700.00	\$3,050.00	\$2,750.00	\$2,400.00	\$2,100.00	\$1,400.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	\$3,250.00	\$2,700.00	\$2,400.00	\$2,100.00	\$1,800.00	\$1,255.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	\$570.00	\$450.00	\$240.00	\$180.00	\$120.00	\$625.00
-Power Protection ⁽¹⁾	VBBGX	\$700.00	\$625.00	\$525.00	\$480.00	\$435.00	\$475.00
(6) -Collocation Transport facilities between Collocation Arrangements							
-Fixed	1H48S	\$5,200.00	\$4,100.00	\$3,250.00	\$2,800.00	\$1,800.00	
-Per Mile	1H48S	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00	

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 31.1 (J)(3)(d), preceding.

(b) OC-192

		Term Pricing Plan					
		Monthly	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
		USOC	Extension				
(1)	Local Distribution Channel						
	-Per Point of Termination Terminating Bit Rate 10 Gbps						
	-All States	TMECS	\$22,770.00	\$18,000.00	\$15,000.00	\$10,500.00	\$9,000.00
(2)	Interoffice Transport Mileage						
	-Fixed						
	-All States	1L5XX	\$1,800.00	\$1,350.00	\$900.00	\$650.00	\$575.00
	-Per Mile 10 Gbps						
	-All States	1L5XX	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00
(3)	Repeater						
	-each	VU4	\$7,920.00	\$6,600.00	\$5,280.00	\$3,840.00	\$3,280.00
(4)	Diversity Options						
	Local Channel Diversity						
	-Per Channel Terminating Bit Rate 10 Gbps						
	-All States	CPALX	\$3,938.00	\$3,038.00	\$2,700.00	\$2,250.00	\$2,025.00 \$850.00
	Inter Wire Center Diversity						
	-Per Channel Terminating Bit Rate 10 Gbps						
	-All States	CPATX	\$2,625.00	\$2,025.00	\$1,800.00	\$1,500.00	\$1,350.00 \$700.00
	Alternate Wire Center Diversity						
	-Per Channel Terminating Bit Rate 10 Gbps						
	-All States	CPAAX	\$6,300.00	\$4,860.00	\$4,320.00	\$3,600.00	\$3,240.00 \$950.00

SECTION 24 - Metropolitan Statistical Area Access Services

	USOC	Monthly				Term Pricing Plan			NRC
		Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.			
(5) Protection - per WaveMAN SM service arranged									
-Equipment Only Protection, per terminating end	CPAEX	\$9,000.00	\$8,250.00	\$7,350.00	\$6,300.00	\$5,400.00	\$3,000.00		
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	\$14,760.00	\$12,300.00	\$11,040.00	\$9,600.00	\$8,400.00	\$4,500.00		
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	\$13,140.00	\$10,950.00	\$9,900.00	\$8,550.00	\$7,350.00	\$4,200.00		
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	\$1,425.00	\$1,125.00	\$600.00	\$450.00	\$300.00	\$625.00		
-Power Protection ⁽¹⁾	VBBGX	\$700.00	\$625.00	\$525.00	\$480.00	\$435.00	\$475.00		
(6) -Collocation Transport facilities between Collocation Arrangements									
-Fixed	1H48S	\$9,600.00	\$6,700.00	\$4,800.00	\$4,200.00	\$3,800.00			
-Per Mile	1H48S	\$425.00	\$300.00	\$260.00	\$240.00	\$200.00			

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 31.1 (J)(3)(d), preceding.

(c) Transparent Transport (100 Mbps - 2.5 Gbps)

	USOC	Monthly Extension	Term Pricing Plan 60 Mo.	
(1) Local Distribution Channel				
-Per Point of Termination Terminating Bit Rate				
100 Mbps - 2.5 Gbps	TMECS	\$9,000.00	\$3,800.00	(D)
(2) Interoffice Transport Mileage				
a) Channel Mileage				
-Fixed				(C)
100 Mbps - 2.5 Gbps	1L5XX	\$1,400.00	\$500.00	(T)
b) Channel Mileage				
-Per Mile				
100 Mbps - 2.5 Gbps	1L5XX	\$425.00	\$200.00	(D)

(d) Transparent Transport (2.5 Gbps - 10 Gbps)

	USOC	Monthly Extension	Term Pricing Plan 60 Mo.	
(1) Local Distribution Channel				
-Per Point of Termination Terminating Bit Rate				
2.5 Gbps to 10 Gbps	TMECS	\$22,770.00	\$9,000.00	(D)
(2) Interoffice Transport Mileage				
a) Channel Mileage				
-Fixed				(C)
2.5 Gbps to 10 Gbps	1L5XX	\$1,800.00	\$575.00	(T)
b) Channel Mileage				
-Per Mile				
2.5 Gbps to 10 Gbps	1L5XX	\$425.00	\$200.00	(D)

(2) Installation and Rearrangement Charges

(a) OC-48,
Transparent Transport (100 Mbps-2.5 Gbps) (N)

	<u>USOC</u>	<u>Nonrecurring Charges</u> ⁽¹⁾
(a) Administrative Charge per Order	ORCMX	\$60.00
(b) Design Central Office Connection Charge per circuit	NRBCL	\$600.00
(c) Customer Connection Charge per Termination	NRBBL	\$1,500.00

(b) OC-192,
Transparent Transport (2.5 Gbps - 10 Gbps) (N)

	<u>USOC</u>	<u>Nonrecurring Charges</u> ⁽¹⁾
(a) Administrative Charge per Order	ORCMX	\$60.00
(b) Design Central Office Connection Charge per circuit	NRBCL	\$600.00
(c) Customer Connection Charge per Termination	NRBBL	\$1,500.00

⁽¹⁾ The installation Non-recurring Charges will be waived for customers purchasing a new 36-or 60-month Term Pricing Plan. This waiver does not include moves and upgrades of service.

24.5.2.13 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)

(A) Recurring Charges

(1) LAN-PHY

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(a) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate 10 Gbps	TMECS	\$18,000.00	\$15,000.00	\$12,000.00	\$8,500.00	\$7,250.00	N/A
(b) Interoffice Transport Mileage							
-Fixed	1L5XX	3,600.00	2,700.00	1,800.00	1,275.00	1,150.00	N/A
-Per Mile 10 Gbps	1L5XX	425.00	300.00	250.00	125.00	100.00	N/A
(c) Repeater -each	VU4	7,200.00	6,000.00	4,800.00	3,400.00	2,900.00	N/A
(d) Diversity Options							
Local Channel Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPALX	3,938.00	3,038.00	2,700.00	2,250.00	2,025.00	850.00
Inter Wire Center Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPATX	2,625.00	2,025.00	1,800.00	1,500.00	1,350.00	700.00
Alternate Wire Center Diversity -Per Channel Terminating Bit Rate 10 Gbps	CPAAX	6,300.00	4,860.00	4,320.00	3,600.00	3,240.00	950.00

SECTION 24 - Metropolitan Statistical Area Access Services

	USOC	Monthly		Term Pricing Plan			NRC
		Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(e) Protection - per DecaMAN [®] service arranged							
-Equipment Only Protection, per terminating end	CPAEX	9,000.00	8,250.00	7,350.00	6,300.00	5,400.00	3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	14,760.00	12,300.00	11,040.00	9,600.00	8,400.00	4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	13,140.00	10,950.00	9,900.00	8,550.00	7,350.00	4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	1,425.00	1,125.00	600.00	450.00	300.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 30(J)(3)(d), preceding.

(2) WAN-PHY

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(a) Local Distribution Channel							
-Per Point of Termination Terminating Bit Rate							
10 Gbps	TMECS	\$19,800.00	\$16,500.00	\$13,200.00	\$9,600.00	\$8,200.00	N/A
(b) Interoffice Transport Mileage							
-Fixed	1L5XX	3,600.00	2,700.00	1,800.00	1,275.00	1,150.00	N/A
-Per Mile							
10 Gbps	1L5XX	425.00	300.00	250.00	125.00	100.00	N/A
(c) Repeater -each	VU4	7,200.00	6,000.00	4,800.00	3,400.00	2,900.00	N/A
(d) Diversity Options							
Local Channel Diversity							
-Per Channel Terminating Bit Rate							
10 Gbps	CPALX	3,938.00	3,038.00	2,700.00	2,250.00	2,025.00	850.00
Inter Wire Center Diversity							
-Per Channel Terminating Bit Rate							
10 Gbps	CPATX	2,625.00	2,025.00	1,800.00	1,500.00	1,350.00	700.00
Alternate Wire Center Diversity							
-Per Channel Terminating Bit Rate							
10 Gbps	CPAAX	6,300.00	4,860.00	4,320.00	3,600.00	3,240.00	950.00

	USOC	Monthly Extension	Term Pricing Plan				NRC
			12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(e) Protection - per DecaMAN® service arranged							
-Equipment Only Protection, per terminating end	CPAEX	9,000.00	8,250.00	7,350.00	6,300.00	5,400.00	3,000.00
-Equipment Plus Alternate Wire Center Path Protection, per terminating end	CPAFX	14,760.00	12,300.00	11,040.00	9,600.00	8,400.00	4,500.00
-Equipment Plus Channel Termination (Local Channel) Path Protection, per terminating end	CPAGX	13,140.00	10,950.00	9,900.00	8,550.00	7,350.00	4,200.00
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	1,425.00	1,125.00	600.00	450.00	300.00	625.00
-Power Protection ⁽¹⁾	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

⁽¹⁾ Power Protection rate elements are applicable, as set forth in 30(J)(3)(d), preceding.

PART 10 - Special Access Services - East
 SECTION 24 - Metropolitan Statistical Area Access Services
 (B) Installation and Rearrangement Charges

(1) LAN-PHY

		<u>Non-recurring Charge</u> ⁽¹⁾
	USOC	
(a) Administrative Charge per Order	ORCMX	\$60.00
(b) Design Central Office Connection Charge per circuit	NRBCL	\$600.00
(c) Customer Connection Charge per Termination	NRBBL	\$1,400.00

(2) WAN-PHY

		<u>Non-recurring Charge</u> ⁽¹⁾
	USOC	
(a) Administrative Charge per Order	ORCMX	\$60.00
(b) Design Central Office Connection Charge per circuit	NRBCL	\$600.00
(c) Customer Connection Charge per Termination	NRBBL	\$1,400.00

⁽¹⁾ The Installation and Rearrangement Non-recurring Charges will be waived for Customers purchasing a 36 or 60 month term pricing plan.

24.6 Wire Center Information24.6.1 MSAs with Limited Service Relief

State	Wire Center CLLI	MSA Name
CT	BRFDCT00	Bridgeport
CT	BRPTCT01	Bridgeport
CT	BRPTCT03	Bridgeport
CT	DARNCT00	Bridgeport
CT	DNBRCT00	Bridgeport
CT	FRFDCT00	Bridgeport
CT	GRTWCT00	Bridgeport
CT	HNTNCT00	Bridgeport
CT	NRWLCT02	Bridgeport
CT	NRWLCT03	Bridgeport
CT	NWCNCT00	Bridgeport
CT	NWFLCT00	Bridgeport
CT	NWTWCT00	Bridgeport
CT	OGNWCT00	Bridgeport
CT	RDFDCT00	Bridgeport
CT	RDNGCT00	Bridgeport
CT	SMFRCT01	Bridgeport
CT	SMFRCT02	Bridgeport
CT	SRFRCT00	Bridgeport
CT	TMBLCT00	Bridgeport
CT	WLTCT00	Bridgeport
CT	WSPTCT00	Bridgeport
CT	BRFRCT00	New Haven
CT	BTHNCT00	New Haven
CT	CHSHCT01	New Haven
CT	DRBYCT00	New Haven
CT	EHVNCT00	New Haven
CT	GUFDCT00	New Haven
CT	HMDNCT00	New Haven
CT	MDLBCT00	New Haven
CT	MDSNCT01	New Haven
CT	MDSNCT02	New Haven
CT	MLFRCT00	New Haven
CT	MRDNCT00	New Haven
CT	MRDNCT04	New Haven

State	Wire Center CLLI	MSA Name
CT	NBFRCT00	New Haven
CT	NGTCCT00	New Haven
CT	NHVNCT00	New Haven
CT	NWHNCT02	New Haven
CT	NWHNCT03	New Haven
CT	ORNGCT00	New Haven
CT	PRSPCT00	New Haven
CT	SYMRCT00	New Haven
CT	WLCTCT00	New Haven
CT	WLFRCCT00	New Haven
CT	WSHNCT00	New Haven
CT	WSTVCT00	New Haven
CT	WTRBCT00	New Haven
CT	BLTCCT00	New London
CT	CLCHCT00	New London
CT	GRTNCT00	New London
CT	JWCYCT00	New London
CT	LBNNCT00	New London
CT	LDYRCT00	New London
CT	LYMECT01	New London
CT	MTVLCT00	New London
CT	MYSTCT00	New London
CT	NINTCT00	New London
CT	NRWCCT00	New London
CT	NWLNCT02	New London
CT	SGTNCT00	New London

24.6.2 MSAs with Full Service Relief

State	Wire Center CLLI	MSA Name
CT	BLFDCT00	Hartford
CT	BRLNCT00	Hartford
CT	BRSTCT00	Hartford
CT	CLMACT00	Hartford
CT	CLTNCT00	Hartford
CT	CNTNCT00	Hartford
CT	CNTYCT00	Hartford
CT	CRWLCT00	Hartford
CT	DPRVCT00	Hartford
CT	DRHMCT00	Hartford
CT	EHRCT01	Hartford
CT	EHRCT02	Hartford
CT	EHTNCT00	Hartford
CT	ENFDCT01	Hartford
CT	ENFDCT02	Hartford
CT	ESSXCT00	Hartford
CT	FRTNCT00	Hartford
CT	GLBYCT00	Hartford
CT	GRNBCT00	Hartford
CT	HGNMCT00	Hartford
CT	HRFRCT03	Hartford
CT	MDTWCT00	Hartford
CT	MNCHCT00	Hartford
CT	MODSCT00	Hartford
CT	MRLBCT00	Hartford
CT	NWBRCT00	Hartford
CT	NWNTCT00	Hartford
CT	OLSYCT00	Hartford
CT	PLVLCT00	Hartford
CT	PTLDCT00	Hartford
CT	RKVLCT00	Hartford
CT	SFFDCT00	Hartford
CT	SMBYCT00	Hartford
CT	STRSCT01	Hartford
CT	STSPCT00	Hartford
CT	STTNCT00	Hartford
CT	UNVLCT00	Hartford
CT	WHFRCT01	Hartford
CT	WHFRCT02	Hartford
CT	WLKSCT00	Hartford
CT	WNSDCT00	Hartford
CT	WPNGCT00	Hartford
CT	WSBKCT00	Hartford
CT	WTFDCT00	Hartford