

22. Metropolitan Statistical Area Access Services

22.1 General Description

- (A) This section provides the conditions, 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, i.e., local channels (channel terminations) between LEC end offices and customer (end user) premises; entrance facilities; dedicated interoffice 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 22.2(A). (D)

(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 a LEC end office and a customer (end user) premise. The Limited Service Relief MSAs are set forth in Section 22.2(B). (D)

- (B) The services provided in MSAs pursuant to this section are set forth in Section 22.3. These services are comparable to Special Access Services in Part 8, Sections 7, 8, 16, 21, 25, 26 and 27 of this Guidebook. The general conditions, service descriptions, and rate conditions for Special Access Services in Part 2, Section 7 and Part 8, Sections 7, 8, 16, 21, 25, 26 and 27 are also applicable to the services specified in this section, except as provided below. (D)

An exception in Section 22.4(F) applies for term pricing plans.

Unless otherwise provided for in this section, conditions set forth in Part 2, Sections 2, 5, and 13 are also applicable.

22.2 Metropolitan Statistical Areas

A. Full Service Relief MSAs are listed below:

State	MSA
Nevada	

B. Limited Service Relief MSAs are listed below:

State	MSA
Nevada	Reno

22.3 Services Available in an MSA

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

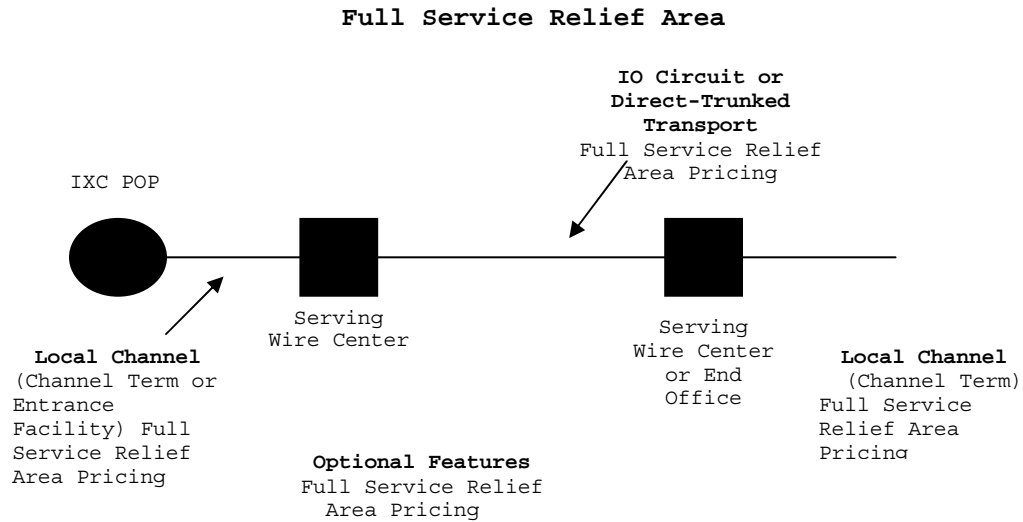
Special Access
Video Service
Gigabit Ethernet Metropolitan Area Network (GigaMAN)
Multi-service Optical Network (MON) <sup>(1)</sup>
Optical Carrier Network (OCN) Point-to-Point
Dedicated SONET Ring Service
WaveMAN <sup>SM</sup> (Wavelength Metropolitan Area Network)
DecaMAN <sup>®</sup> (10 Gigabit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

(N)

<sup>(1)</sup> 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.

22.4 Rate Conditions

- (A) Figure 1 illustrates services provided within 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 22.5. (D)



**Figure 1**

- (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 22.5, except for the local channels (channel terminations) between a LEC end office and a customer (end user) premise, which are referenced in Part 2, Section 7 and Part 8, Sections 7, 8, 16, 21, 25, 26 and 27 of this Guidebook. (T)  
 (T)

**Limited Service Relief Area**

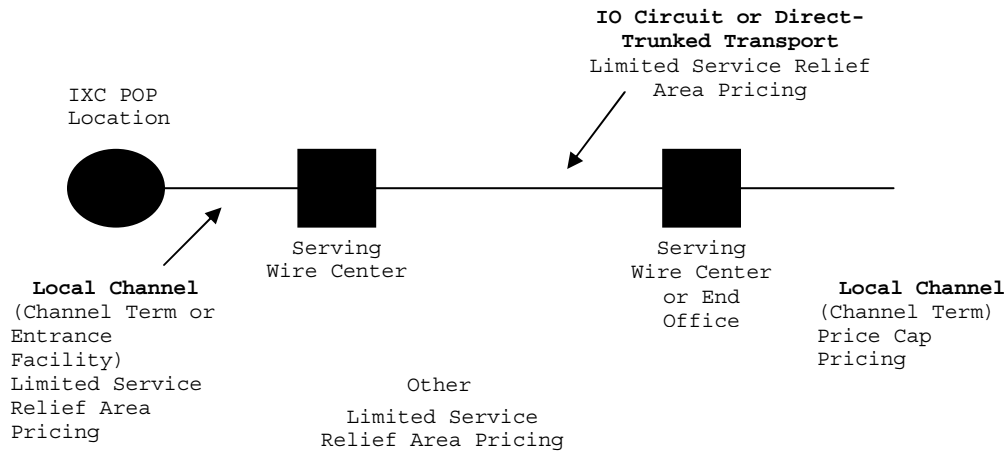


Figure 2

- (C) Figure 3 illustrates a service provided from two MSAs with 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 obtained as set forth in Section 22.4(A). The rates and charges for local channels and optional features located in the Limited Service Relief Area are obtained as set forth in Section 22.4(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 obtained as set forth in Section 22.4(B).

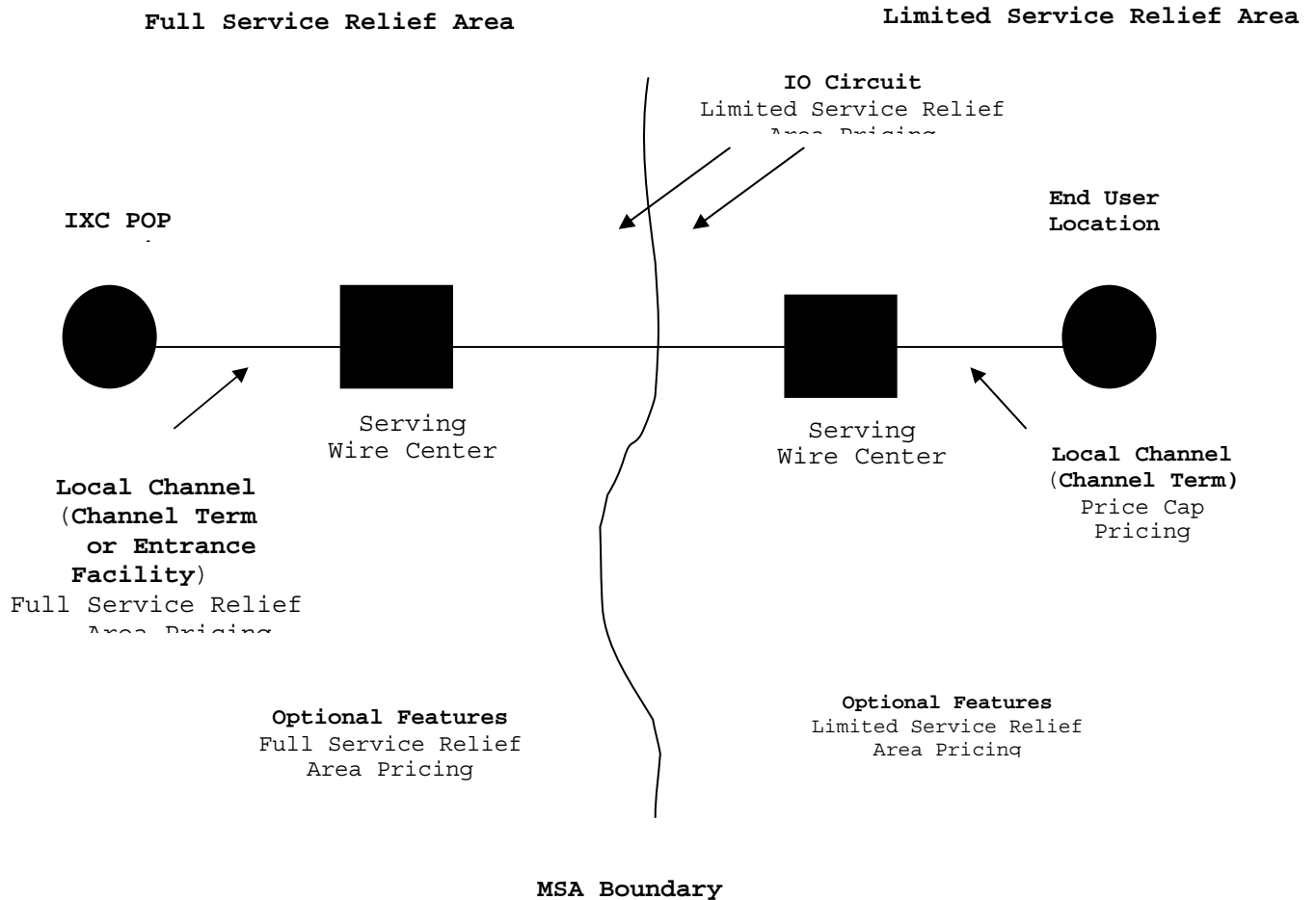


Figure 3

- (D) Figure 4 illustrates a service provided from two MSAs with 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 obtained as stated in Section 22.4(A). (T)

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 obtained in Section 7, Section 8, Section 21, Section 26 and Section 27.

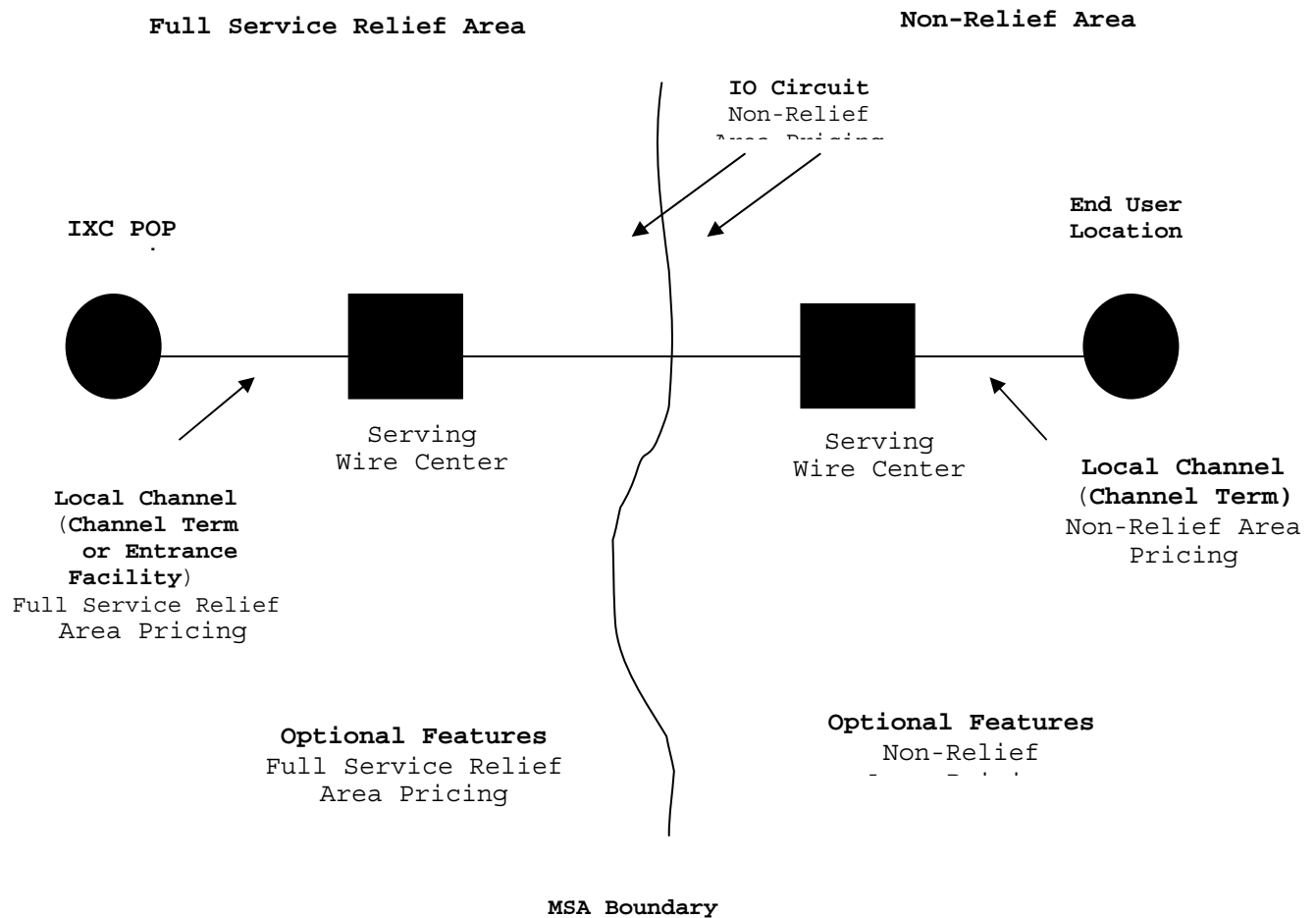


Figure 4

(E) Figure 5 illustrates service provided from two MSAs with one MSA located in a Limited 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 Limited Service Relief Area are obtained as stated in Section 22.4(B). (T)

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 Section 7, Section 8, Section 21, Section 26 and Section 27.

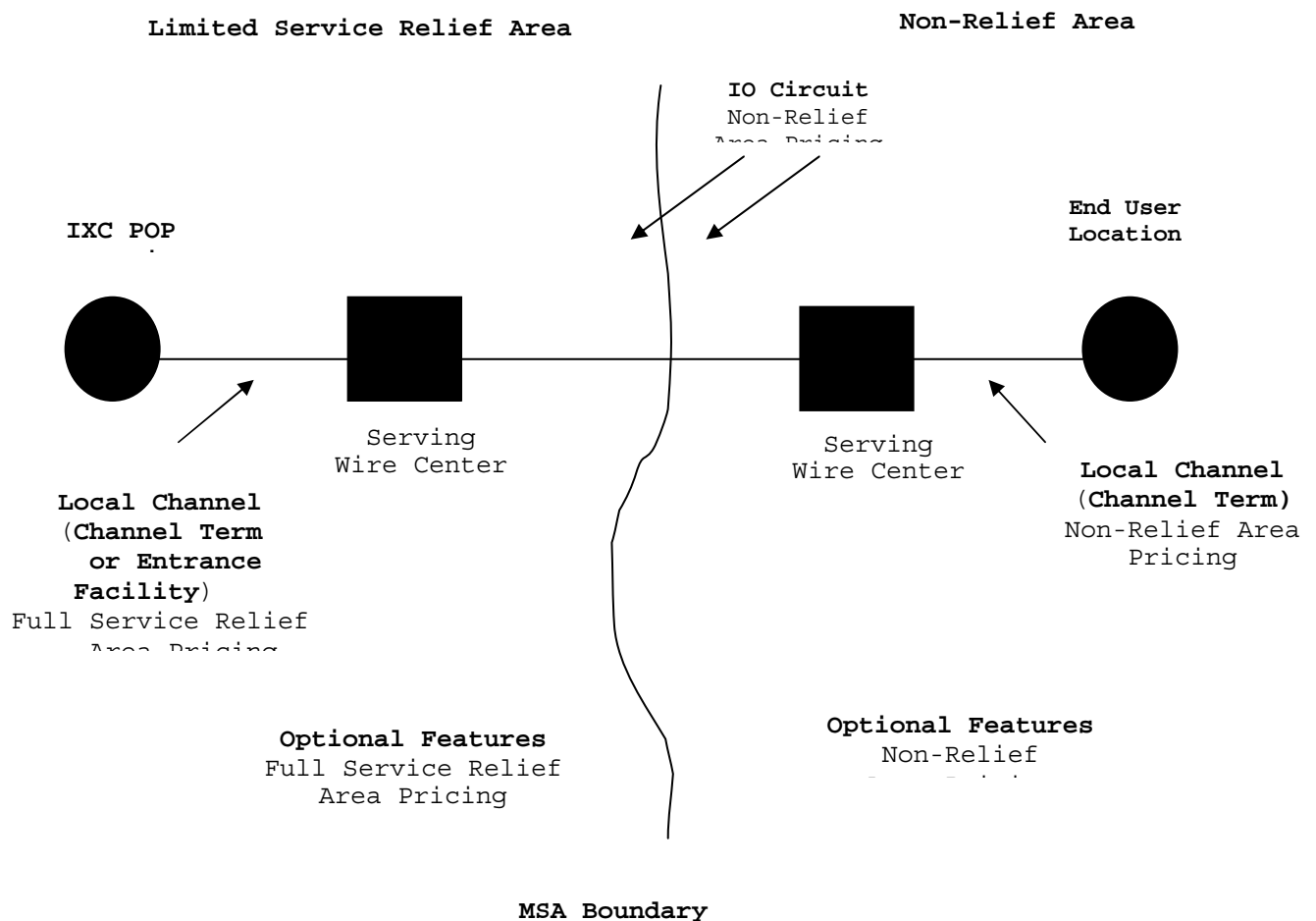


Figure 5

(F) Pricing Plans

For the purpose of Metropolitan Statistical Area Access Services, the following plans apply when referring to Pricing Plans:

- Term Pricing Plans (TPP)
- Video Pricing Plan (VPP)

The Telephone Company ensures that rates provided under a term pricing plan will not be increased, except as provided below, by the Telephone Company above the rates in effect at the beginning of the customer's term pricing plan period.

Customers under their current term pricing plan will continue to pay the rates in effect at the beginning of their plan period until the effective rates in Section 22 become lower than the rates received under their term pricing plan, except as provided below.

(D)

<sup>(1)</sup> 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.



22.5 Rates and Charges

22.5.1 Not in Use

22.5.2 Special Access Service

22.5.2.1 Video Service

(C)

(D)

Some material previously on this page now appears on 1st Revised page 10.

22.5.2.1 Video Service (Cont'd)

(1) Serial Component Video Service (SCVS)

(N)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Daily Rates</u>
(A) Channel Termination - Per point of termination	AVSVM/AVSVD	\$ 750.00	\$315.00
Nonrecurring Charges - SCVS			
	<u>USOC</u>	<u>1st Ckt.</u>	<u>Addl. Ckt.</u>
Monthly	AVSVM	\$1,000.00	\$500.00
Daily	AVSVD	1,866.00	755.00

(B) Channel Mileage

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Daily Rates</u>	
		<u>Fixed</u>	<u>Per Mile</u>	<u>Fixed</u>	<u>Per Mile</u>
0 - <21	1L5XW/1L5	\$ 50.00	\$20.00	\$50.00	\$20.00
21 - <41	1L5XW/1L5	100.00	20.00	100.00	20.00
41 - <61	1L5XW/1L5	150.00	20.00	150.00	20.00
61 - <80	1L5XW/1L5	200.00	20.00	200.00	20.00

(C) Optional Features and Functions

(1) Hubbing Arrangements - SCVS

	<u>USOC</u>	<u>Nonrecurring Charge</u>
- time Full-time to Full-time	B5N6F/BCSWV	\$18.00
- time Full-time to Part-time	B5N6F/BCSWV	18.00
- time Part-time to Part-time	B5N6F/BCSWV	18.00

(2) Optical, Wavelength and Ethernet Handoff Options and Interfaces

	<u>USOC</u>	<u>Daily Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge<sup>(1)</sup></u>
-OC-3 Handoff	VOF3X/ VOF32	N/A	\$750.00	\$700.00
-OC-12 Handoff	VOF1X/ VOF12	N/A	\$1,675.00	\$700.00
-OC-48 Handoff	VOF4X	N/A	\$1,675.00	\$700.00
-2.5Gbps Ethernet/ Wavelength Handoff	VOFAX	N/A	\$1,675.00	\$700.00
-10Gbps Ethernet Handoff	VOFBX	N/A	\$1,675.00	\$700.00
-SMPTE 310M Digital Interface	V1F3X/ V1F32	\$250.00	\$400.00	\$500.00
NTSC Analog Interface	NTSCM/ NTSCD	\$150.00	\$200.00	\$500.00

(3) Diversity Options (Rates apply per channel termination unless stated otherwise)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
-Local Channel Diversity	CPAMX	\$410.00	N/A
-Alternate Wire Center Diversity	CPABX	\$660.00	N/A
-Inter-Wire Center Diversity (Per Circuit)	CPAUX	\$290.00	N/A
-Equipment Only Diversity	CPACX	\$415.00	N/A

<sup>(1)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with associated Channel Termination.

(N)

(2) <u>High Definition Video Transport (HDVT)</u>				(N)
	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u> <sup>(1)</sup>	
(1) Channel Termination - per end	TZ4DX/ TZ4AX	\$750.00	\$1500.00	
(2) Interoffice Fixed Mileage	1A4FX/ 1HHR5	\$50.00	N/A	
(3) Variable Mileage -per mile	1A4FX/ 1HHR5	\$110.00	N/A	
(4) Optional Features & Functions - Per Each	V8R/ V8R2X	\$440.00	N/A	
(a) Regenerator				
(b) Optical, Wavelength and Ethernet Handoff options				
-OC-3 Handoff	VOF3X/ VOF32	\$750.00	\$700.00 <sup>(1,2)</sup>	
-OC-12 Handoff	VOF1X/ VOF12	\$1,675.00	\$700.00 <sup>(1,2)</sup>	
-OC-48 Handoff	VOF4X	\$1,675.00	\$700.00 <sup>(1,2)</sup>	
-2.5Gbps Ethernet/ Wavelength Handoff	VOFAX	\$1,675.00	\$700.00 <sup>(1,2)</sup>	
-10Gbps Ethernet Handoff	VOFBX	\$1,675.00	\$700.00 <sup>(1,2)</sup>	
(c) Multi Media Channel <sup>(1,3)</sup>				
- 1 Gbps option	HDVM1	\$2,500.00	\$1,500.00	
(d) Diversity Options (Rates apply per channel termination unless stated otherwise)				
-Local Channel Diversity	CPAMX	\$410.00	N/A	
-Alternate Wire Center Diversity	CPABX	\$660.00	N/A	
-Inter-Wire Center Diversity (Per Circuit)	CPAUX	\$290.00	N/A	
-Equipment Only Diversity	CPACX	\$415.00	N/A	

<sup>(1)</sup> A nonrecurring charge will not apply when the customer subscribes to a 2-Year or longer Video Pricing Plan.

<sup>(2)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with associated Channel Termination.

<sup>(3)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with an associated HDVT Channel Termination.

(N)

(3) Video Pricing Plan (VPP)

(N)

(A) Serial Component Video Service (SCVS)

(1) Channel Termination

Per point of termination

	USOC	Monthly Rate	Nonrecurring Charges	
			1st Ckt.	Addl. Ckt.
1 Year	AVSVM/AVSV1	\$650.00	\$500.00	\$250.00
3 Year	AVSVM/AVSV3	575.00	0.00	0.00
5 Year	AVSVM/AVSV5	500.00	0.00	0.00

(2) Channel Mileage

	USOC	1 Year Monthly Rates		3 Year Monthly Rates		5 Year Monthly Rates	
		Fixed	Per Mile	Fixed	Per Mile	Fixed	Per Mile
		0 - <21	1L5XW/1L5	\$ 48.00	\$19.00	\$ 45.00	\$18.00
21 - <41	1L5XW/1L5	96.00	19.00	90.00	18.00	86.00	17.00
41 - <61	1L5XW/1L5	144.00	19.00	135.00	18.00	129.00	17.00
61 - <80	1L5XW/1L5	192.00	19.00	180.00	18.00	172.00	17.00

(3) Optional Features and Functions

(a) Optical, Wavelength and Ethernet Handoff Options and Interfaces

	USOC	Monthly	1 Year	3 Year	5 Year	Nonrecurring Charge <sup>(1)</sup>
-OC-3 Handoff	VOF3X/ VOF32	\$750.00	\$650.00	\$300.00	\$275.00	\$700.00
-OC-12 Handoff	VOF1X/ VOF12	1,675.00	1,450.00	675.00	625.00	700.00
-OC-48 Handoff	VOF4X	1,675.00	1,450.00	675.00	625.00	700.00
-2.5Gbps Ethernet/ Wavelength Handoff	VOFAX	1,675.00	1,450.00	675.00	625.00	700.00
-10Gbps Ethernet Handoff	VOFBX	1,675.00	1,450.00	675.00	625.00	700.00
-310M Digital Interface	V1F3X/ V1F32	400.00	350.00	315.00	300.00	500.00
-NTSC Analog Interface	NTSCM/ NTSC+	200.00	190.00	180.00	170.00	500.00

(b) Diversity Options (Rates apply per channel termination unless stated otherwise)

-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
-Equipment Only Diversity	CPACX	415.00	370.00	270.00	245.00	N/A

<sup>(1)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with associated Channel Termination.

(N)

(3) Video Pricing Plan (VPP) (Cont'd)

(N)

(B) High Definition Video Transport - HDVT

	USOC	Monthly	1 Year	2 Year	3 Year	5 Year	Nonrecurring Charge <sup>(1)</sup>
(1) Channel Termination - per end	TZ4DX/ TZ4AX	\$750.00	\$700.00	\$625.00	\$585.00	\$525.00	\$1500.00
(2) Interoffice Fixed Mileage	1A4FX/ 1HHRS	\$50.00	\$48.00	\$48.00	\$45.00	\$43.00	N/A
(3) Variable Mileage -per mile	1A4FX/ 1HHRS	\$110.00	\$100.00	\$95.00	\$90.00	\$80.00	N/A
(4) Optional Features & Functions - Per Each							
(a) Regenerator	V8R/ V8R2X	\$440.00	\$440.00	\$430.00	\$430.00	\$420.00	N/A
(b) Optical, Wavelength and Ethernet Handoff Options							
-OC-3 Handoff	VOF3X/ VOF32	\$750.00	\$650.00	\$560.00	\$300.00	\$275.00	\$700.00 <sup>(1,2)</sup>
-OC-12Handoff	VOF1X/ VOF12	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 <sup>(1,2)</sup>
-OC-48 Handoff	VOF4X	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	700.00 <sup>(1,2)</sup>
-2.5Gbps Ethernet/Wavelength Handoff	VOFAX	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 <sup>(1,2)</sup>
-10Gbps Ethernet Handoff	VOFBX	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 <sup>(1,2)</sup>
(c) Multi Media Channel <sup>(1,3)</sup>							
-1 Gbps option	HDVM1	\$2,500.00	\$2,000.00	\$2,000.00	\$1,000.00	\$950.00	\$1,500.00
(d) Diversity Options							
-Local Channel Diversity (Per Channel Termination)	CPAMX	\$410.00	\$350.00	\$300.00	\$260.00	\$225.00	N/A
-Alternate Wire Center Diversity (Per Channel Termination)	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 (Per Channel Termination)	CPACX	\$415.00	\$370.00	\$320.00	\$270.00	\$245.00	N/A

<sup>(1)</sup> A nonrecurring charge will not apply when the customer subscribes to a 2-Year or longer Video Pricing Plan.

<sup>(2)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with associated Channel Termination.

<sup>(3)</sup> Nonrecurring charge is waived when feature is ordered and installed concurrently with associated HDVT Channel Termination.

(N)

22.5.2.2	Reserved for Future Use	(T)
22.5.2.3	Reserved for Future Use	
22.5.2.4	Reserved for Future Use	
22.5.2.5	Reserved for Future Use	
22.5.2.6	Reserved for Future Use	(T)
22.5.2.7	<u>Gigabit Ethernet Metropolitan Area Network (GigaMAN®)</u>	(T)

(A) Recurring Charges

		Monthly	Term Pricing Plan			
	USOC	Extension	12 Mo.	36 Mo.	60 Mo.	NRC
(1) Local Distribution Channel						
- Per Point of Termination Terminating Bit Rate 1 Gbps						
- All States	TMECS	\$3,800.00	\$3,300.00	\$2,850.00	\$2,500.00	
(2) Interoffice Transport Mileage						
- Fixed						
- All States	1L5XX	\$250.00	\$250.00	\$200.00	\$100.00	
- Per Mile - 1 Gbps						
- All States	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						(T)
-All States	CPALX	\$750.00	\$750.00	\$750.00	\$750.00	0.00
Inter Wire Center Diversity						
-Per Channel Terminating Bit Rate - 1 Gbps						(T)
-All States	CPATX	\$500.00	\$500.00	\$500.00	\$500.00	0.00
Alternate Wire Center Diversity						
-Per Channel Termination bit Rate - 1 Gbps						(T)
-All States	CPAAX	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00	0.00

Some material on this page previously appeared on Original Page 9.

	USOC	Monthly Extension	Term Pricing Plan			NRC
			12 Mo.	36 Mo.	60 Mo.	
(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
-Inter Wire Center Path Protection, per interoffice segment	CPAHX	475.00	\$375.00	150.00	100.00	625.00
-Power Protection <sup>(1)</sup>	VBBGX	700.00	625.00	480.00	435.00	475.00

<sup>(1)</sup> Power protection rate elements are applicable as set forth in Section 7.3.11(C) (4).

(T)  
(D)

(B) Installation and Rearrangement Charges

All States

	USOC	12 Months	36 Months	60 Months
(1) Administrative Charge per Order	ORCMX	\$60.00	\$60.00 <sup>(1)</sup>	\$60.00 <sup>(1)</sup>
(2) Design Central Office Connection Charge per circuit	NRMCK	\$230.00	\$230.00 <sup>(1)</sup>	\$230.00 <sup>(1)</sup>
(3) Customer Connection Charge per termination	NRBBL	\$1,500.00	\$1,500.00 <sup>(1)</sup>	\$1,500.00 <sup>(1)</sup>

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



22.5.2.8 Multi-service Optical Network (MON) Ring Service<sup>(2)</sup>

(N)

(A) <u>Nonrecurring Charges</u>	<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	NRMCK	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		
(B) <u>Recurring Charges</u>	<u>Monthly Rates</u>			
	<u>USOC</u>	<u>3 Year</u>	<u>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) Channel Mileage - per V-H mile or fraction thereof (2 mile min.)	1YAZX	325.00	260.00	455.00
(6) Optical Amplifier - C band (per location)	67QXX	5,400.00	3,600.00	7,600.00
- L <sup>(1)</sup> 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

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

<sup>(2)</sup> 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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(N)

AT&T INTERSTATE ACCESS GUIDEBOOK

PART 8 - Special Access Services - West - NV

Original Sheet 14

SECTION 22 - Metropolitan Statistical Area Access Services

	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly</u>
		<u>3 Year</u>	<u>5 Year</u>	<u>Extension</u>
(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
(C) <u>Ports</u>				
-per port/per circuit terminating location				
(1) ETR/CLO <sup>TM/1/</sup> - unprotected channel	POYKW	\$975.00	\$750.00	\$1,400.00
(2) FICON <sup>TM/1/</sup> (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 <sup>TM/1/</sup> (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 <sup>TM/1/</sup> - 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 <sup>TM/1/</sup> - 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/ ESCON<sup>TM</sup>, ETR/CLO<sup>TM</sup>, FICON<sup>TM</sup>, ISC-1<sup>TM</sup>, ISC-3<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

	<u>USOC</u>	<u>Monthly Rates</u> <u>3 Year</u>	<u>5 Year</u>	<u>Monthly</u> <u>Extension</u>
-per port/per circuit terminating location				
(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	21,252.00
- 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 <sup>/4/</sup>				
	- 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 <sup>TM</sup> Riding Circuit <sup>/1/2/4/</sup>				
	- unprotected channel	POYHW	100.00	100.00	150.00
	- protected channel	POYHP	100.00	100.00	150.00
(16)	Fast Ethernet Riding Circuit <sup>/2/4/</sup>				
	- unprotected channel	POYCW	325.00	250.00	500.00
	- protected channel	POYCP	500.00	400.00	800.00
(17)	D1 Video Riding Circuit <sup>/2/4/</sup>				
	- unprotected channel	POYVW	100.00	100.00	150.00
	- protected channel	POYVP	100.00	100.00	150.00
(18)	DVB-ASI Riding Circuit <sup>/4/</sup>				
	- unprotected channel	PWY5W	100.00	100.00	150.00
	- protected channel	PWY5P	100.00	100.00	150.00
(19)	SONET OC-3/OC-3c Riding Circuit <sup>/3/4/</sup>				
	- unprotected channel	POYEW	100.00	100.00	150.00
	- protected channel	POYEP	100.00	100.00	150.00
(20)	GigE/FC/FICON <sup>TM/1/</sup> 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 <sup>/5/</sup>				
	- 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 <sup>/5/</sup>				
	- unprotected channel	POY6W	500.00	400.00	650.00
	- protected channel	POY6P	1,000.00	800.00	1,300.00

/1/ ESCON<sup>TM</sup>, ETR/CLO<sup>TM</sup>, FICON<sup>TM</sup>, ISC-1<sup>TM</sup>, ISC-3<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.

/2/ Available only when ordered with Sub-Rate System or ESCON<sup>TM</sup> Sub-Rate System.

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

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

/5/ Available only when ordered with GigE/FC/FICON<sup>TM/1/</sup> Sub-Rate System.

		-per port/per circuit terminating location			
		USOC	Monthly Rates		Monthly Extension
			3 Year	5 Year	
(23)	FICON <sup>TM/1/2/</sup> Riding Circuit				
	- unprotected channel	POY7W	400.00	320.00	480.00
	- protected channel	POY7P	800.00	640.00	960.00
(24)	ESCON <sup>TM/1/4/</sup> 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 <sup>/4/</sup> 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 <sup>/3/4/</sup> 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 <sup>TM/4/</sup>				
	- 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 <sup>/4/</sup>				
	- 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 <sup>/4/</sup>				
	- 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 <sup>/4/</sup>				
	- 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 <sup>/4/5/</sup> 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/ ESCON<sup>TM</sup>, ETR/CLO<sup>TM</sup>, FICON<sup>TM</sup>, ISC-1<sup>TM</sup>, ISC-3<sup>TM</sup> and GDPS<sup>TM</sup> are registered trademarks of the International Business Machines (IBM) Corporation, Armonk, NY 10504.  
 /2/ Available only when ordered with GigE/FC/FICON<sup>TM/1/</sup> 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.  
 /5/ Available only when ordered with an OC-48 Sub-Rate System.

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

(A) OC-3/OC-3c

(1) Local Distribution Channel

-Per Point of Termination	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
	TMECS	\$2,100.00	\$1,700.00	\$1,300.00	\$2,503.00

(2) Interoffice Transport

-Mileage	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
-Fixed	1L5XX	\$1,100.00	\$975.00	\$886.00	\$1,705.00
-Per Mile	1L5XX	\$260.00	\$260.00	\$220.00	\$385.00

(3) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$1,800.00	\$1,600.00	\$1,400.00	\$2,200.00
-Per Mile	1H48S	\$260.00	\$260.00	\$220.00	\$385.00

(4) Optional Features and Functions

(a) OC-3 Add/Drop Multiplexing-Per Arrangement\*

	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
	MPECX	\$1,500.00	\$1,200.00	\$950.00	\$1,650.00

(b) Add/Drop Function-Per DS-3

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
	MXJBX	\$150.00	\$0
- Per DS1	MXJAX	\$ 55.00	\$0
- Per 1000 Base LX	MX4LX	\$500.00	\$0

\* Concatenated services cannot be multiplexed.

<sup>(1)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016. (N)  
(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(c) <u>1+1 Protection</u> -Per OC-3/OC-3c Customer Premises	P8T	\$180.00	\$0	(C) (C)
(d) <u>1+1 Protection</u> <u>with Cable</u> <u>Survivability</u> -Per OC-3/OC-3c Customer Premises	P3S	\$180.00	\$500.00	(C) (C)
(e) <u>1+1 Protection</u> <u>with Route</u> <u>Survivability</u> -Per OC-3/OC-3c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		(C) (C)
-Per Quarter Route Mile	S2DXY	\$50.00	\$0	
(f) <u>Shared</u> <u>Network</u> <u>Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00	
(g) <u>Diversity</u> <sup>(1)</sup> -Per Quarter Route Mile	S2DXY	\$50.00	\$0	
-Per OC-3/OC-3c	CPAPA	\$200.00	\$0	
(5) <u>Moves (OC-3/OC-3c)</u>				
(a) <u>Service Rearrangement</u>				
See Part 2, Section 7 of this Guidebook, for rates and charges.				
(b) <u>Moves of Point of Termination</u>				
See Part 2, Section 13 of this Guidebook, for rates and charges.				
(c) <u>Moving Customer Premises</u>				
See Part 2, Section 7 of this Guidebook, for rates and charges.				

<sup>(1)</sup> 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.

(B) OC-12/OC-12c

(1) Local Distribution Channel

-Per Point of Termination					
	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
	TMECS	\$4,560.00	\$4,000.00	\$3,000.00	\$5,775.00

(2) Interoffice Transport

-Mileage	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
-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) Collocation Transport-Transport Facilities between Collocation Arrangements

	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$5,200.00	\$4,500.00	\$4,000.00	\$6,160.00
-Per Mile	1H48S	\$260.00	\$420.00	\$400.00	\$660.00

(4) Optional Features and Functions

(a) OC-12 Add/Drop Multiplexing-Per Arrangement\*

	<u>USOC</u>	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
	MPEDX	\$3,200.00	\$2,800.00	\$2,100.00	\$3,575.00

(b) Add/Drop Function-Per OC-3

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>
	MXJCX	\$250.00	\$0
- Per DS3	MXJBX	\$150.00	\$0
- Per 1000 Base LX	MX4LX	\$500.00	\$0

\* Concatenated services cannot be multiplexed.

<sup>(1)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

(N)  
(N)



	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(c) <u>1+1 Protection</u> -Per OC-12/OC-12c Customer Premises	P8T	\$260.00	\$0	(C) (C)
(d) <u>1+1 Protection</u> <u>with Cable</u> <u>Survivability</u> -Per OC-12/OC-12c Customer Premises	P3S	\$260.00	\$600.00	(C) (C)
(e) <u>1+1 Protection</u> <u>with Route</u> <u>Survivability</u> -Per OC-12/OC-12c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		(C) (C)
-Per Quarter Route Mile	S2DXY	\$100.00	\$0	
(f) <u>Shared</u> <u>Network</u> <u>Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00	
(g) Diversity <sup>(1)</sup> -Per Quarter Route Mile	S2DXY	\$100.00	\$0	
-Per OC-12/OC-12c	CPAPB	\$300.00	\$0	
(5) <u>Moves (OC-12/OC-12c)</u>				
(a) <u>Service Rearrangements</u>				
See Part 2, Section 7 of this Guidebook, for rates and charges.				
(b) <u>Moves of Point of Termination</u>				
See Part 2, Section 13 of this Guidebook, for rates and charges.				
(c) <u>Moving Customer Premises</u>				
See Part 2, Section 7 of this Guidebook, for rates and charges.				

<sup>(1)</sup> 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.

(C) OC-48/OC-48c

(1) Local Distribution Channel

Per Point of Termination	USOC	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
	TMECS	\$10,830.00	\$9,800.00	\$7,000.00	\$13,475.00

(2) Interoffice Transport

-Mileage	USOC	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
-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) Collocation Transport-Transport Facilities between Collocation Arrangements

	USOC	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
-Fixed	1H48S	\$13,000.00	\$11,700.00	\$10,400.00	\$15,950.00
-Per Mile	1H48S	\$260.00	\$520.00	\$440.00	\$715.00

(4) Optional Features and Functions

(a) OC-48 Add/Drop Multiplexing-Per Arrangement\*

	USOC	<u>1 Year</u> <sup>(1)</sup>	<u>3 year</u> <sup>(1)</sup>	<u>5 year</u> <sup>(1)</sup>	<u>Mo. Ext.</u>
	MXRFX	\$5,550.00	\$4,625.00	\$3,700.00	\$6,375.00

(b) Add/Drop Function-Per OC-3

	USOC	<u>Monthly</u>	<u>Nonrecurring Charge</u>
- Per OC3	MXJEX	\$625.00	\$0
	MXJCX	\$250.00	\$0
- Per DS3	MXJBX	\$150.00	\$0
- Per 1000 Base LX	MX4LX	\$500.00	\$0

\* Concatenated services cannot be multiplexed.

<sup>(1)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016.

(N)  
(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(c) <u>1+1 Protection</u> -Per OC-48/OC-48c Customer Premises	P8T	\$1,410.00	\$0	(C) (C)
(d) <u>1+1 Protection</u> <u>with Cable</u> <u>Survivability</u> -Per OC-48/OC-48c Customer Premises	P3S	\$1,410.00	\$700.00	(C) (C)
(e) <u>1+1 Protection</u> <u>with Route</u> <u>Survivability</u> -Per OC-48/OC-48c Customer Premises	P8T	(Apply P8T rate above, plus Per Quarter Route Mile below) (P8T + S2DXY)		(C) (C)
-Per Quarter Route Mile	S2DXY	\$125.00	\$0	
(f) <u>Point-</u> <u>to-Point</u> <u>OC-48</u> <u>Regenerator</u> -each	RGY48	\$5,500.00	\$0	
(g) <u>Shared</u> <u>Network</u> <u>Arrangement</u> -Processing Charge per Service Order	NRBOP	\$0	\$30.00	
(h) <u>Diversity</u> <sup>(1)</sup> -Per Quarter Route Mile	S2DXY	\$125.00	\$0	
-Per OC-48/OC-48c	CPAPC	\$700.00	\$0	

<sup>(1)</sup> 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-48/OC-48c)

(a) Service Rearrangement

See Part 2, Section 7 of this Guidebook, for rates and charges.

(b) Moves of Point of Termination

See Part 2, Section 13 of this Guidebook, for rates and charges.

(c) Moving Customer Premises

See Part 2, Section 7 of this Guidebook, for rates and charges.

(D) OC-192/OC-192c

	<u>USOC</u>	<u>3 year<sup>(1)</sup></u>	<u>5 year<sup>(1)</sup></u>	<u>Mo. Ext.</u>
(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
(3) <u>Collocation 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 Features and Functions</u>  (a) OC-192 Add/Drop Multiplexing* -Per Arrangement	MXRGX	\$12,000.00	\$9,600.00	\$16,800.00

\*Concatenated services cannot be multiplexed.

<sup>(1)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after January 22, 2016. (N)  
(N)

	<u>USOC</u>	<u>Monthly</u>	<u>Nonrecurring Charge</u>	
(b) Add/Drop Function				
-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	(C) (C)
(d) <u>1+1 Protection with Cable Survivability</u>				
-Per OC-192/OC-192c Customer Premises	P3S	\$2,700.00	\$800.00	(C) (C)
(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) Diversity <sup>(1)</sup>				
-Per Quarter Route Mile	S2DXY	\$150.00	\$0	
-Per OC-192/OC-192c	CPAPD	\$1200.00	\$0	

<sup>(1)</sup> 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-192)

(a) Service Rearrangement

See Part 2, Section 7 of this Guidebook, for rates and charges. (T)

(b) Moves of Point of Termination

See Part 2, Section 13 of this Guidebook, for rates and charges. (T)

(c) Moving Customer Premises

See Part 2, Section 7 of this Guidebook, for rates and charges. (T)

(E) Installation and Rearrangement Charges

	Administrative Charge, per Order		Design and Central Office Connection Charge, per circuit	Customer Connection, Charge, per termination
	USOC	ORCMX	NRMCK	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		
Ethernet 1000 Base		60.00		

22.5.2.11 Not in Use

22.5.2.12 Dedicated SONET Ring Service

(A) Nodes

Description	USOC	36 Months <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
Per Node:				
OC-3				
-Customer Premises				
First	FP5CX	\$1,650.00	\$1,300.00	\$2,120.00
First Re-Map <sup>(1)</sup>	RN8CX	1,770.00	1,415.00	2,120.00
Additional	FP5CA	1,000.00	800.00	1,200.00
Additional Re-Map <sup>(1)</sup>	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 <sup>(1)</sup>	RN8DX	3,850.00	3,080.00	4,620.00
Additional	FP5DA	2,620.00	2,095.00	3,140.00
Additional Re-Map <sup>(1)</sup>	RN8DA	2,620.00	2,000.00	3,140.00
-Central Office	FC5DX	2,620.00	2,095.00	3,140.00
OC-48				
-Customer Premises				
First	FP5EX	5,890.00	4,715.00	7,070.00
First Re-Map <sup>(1)</sup>	RN8EX	5,890.00	4,715.00	7,070.00
Additional	FP5EA	5,240.00	4,190.00	6,280.00
Additional Re-Map <sup>(1)</sup>	RN8EA	5,240.00	4,190.00	6,280.00
-Central Office	FC5EX	5,240.00	4,190.00	6,280.00

Description	USOC	36 Months <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
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

<sup>(1)</sup> 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.

<sup>(2)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote (N) does not apply to any term plans established or renewed after July 15, 2017. (N)

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

(B) OC-48 Add/Drop Capability

Description	USOC	36 Months <sup>(4)</sup>	60 Months <sup>(4)</sup>	Monthly Extension
Per Arrangement	MPEFX	\$3,510.00	\$2,895.00	\$4,350.00
Re-Map <sup>(3)</sup> per arrangement	M8RFX	3,510.00	2,895.00	4,350.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
-per arrangement	NRBS8	490.00

(C) Ports

Description	USOC	36 Months <sup>(4)</sup>	60 Months <sup>(4)</sup>	Monthly Extension
- 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 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 Node <sup>(1)(2)</sup>	SPRGX	50.00	45.00	65.00
OC-12 at OC-12 Node	S9T2X	850.00	725.00	1,050.00

(1) Optical to Electrical DS1 add/drop capability as described in 26.3(A) (5) is needed along with an OC-3 port.

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

(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 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017. (N)



Description	USOC	36 Months <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
<u>-Per Port (excluding Re-Map)</u>				
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 <sup>(1)</sup>	SPRLX	50.00	45.00	65.00
OC-48 at OC-48 Node	S9T3X	1,900.00	1,650.00	2,850.00
DS3 w/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	1500.00

<sup>(1)</sup> Optical to Electrical DS1 add/drop capability as described in 22.3(A) (5) is needed along with an OC-3 port.

<sup>(2)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017. (N)  
(N)

Description	USOC	36 Months <sup>(6)</sup>	60 Months <sup>(6)</sup>	Monthly Extension
EOS Ports				
Virtual Concatenation (VCAT) <sup>(1)</sup>				
- per multiplexing function				
10/100 BaseT Ethernet Port	S5P1X	250.00	180.00	350.00
Bandwidth options for port <sup>(2) (4) (5)</sup>				
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 <sup>(3) (4) (5)</sup>				
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 22.5.2.12(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 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)  
(N)

Description	USOC	36 Months <sup>(3)</sup>	60 Months <sup>(3)</sup>	Monthly Extension
- Per port (Re-Map) <sup>(2)</sup>				
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
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 <sup>(1)</sup>				
RN7TX	RN7TX	250.00	200.00	300.00
Per EC-1 Re-Map Port				
OC-3 Ring	S9N6X	120.00	110.00	150.00
OC-12 Ring	S9N8X	120.00	110.00	150.00
OC-48 Ring	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	P8RHX	375.00	350.00	475.00

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 w/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-24c	NRM68	425.00
10/100 BaseT Ethernet Port	NRM63	385.00
1000 BaseLX Ethernet Port	NRM65	425.00
1000 BaseSX Etherent Port	NRM66	425.00

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

<sup>(2)</sup> 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.

<sup>(3)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017. (N)

(D) Mileage

Description	USOC	36 Months <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
Per mile between nodes by ring type				
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 <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
Per OC-3 to DS1 Add/Drop Re-Map <sup>(1)</sup>	MXJDX	875.00	700.00	1,050.00
Per OC-3 to DS-1 Add/Drop	M8RDX	875.00	700.00	1,050.00

Description	USOC	Nonrecurring Charge		
Nonrecurring charges for subsequent installation				
-Per DS1 off OC-12, OC-48	NRBS6			\$490.00

(F) Dedicated SONET Ring Regenerator

Description	USOC	36 Months <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
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

Description	USOC	Nonrecurring Charge		
-Each (as required)	NRBS5			\$270.00

(G) Shared Network Arrangement

Description	USOC	Nonrecurring Charge		
Processing Charge Per Service Order	NRMCL			\$30.00

<sup>(1)</sup> 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.

<sup>(2)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote (N) does not apply to any term plans established or renewed after July 15, 2017. (N)

(H) Installation and Rearrangement Charges

Description	Administrative Charge per Order	Design and Central Office Connection Charge, per Initial Ring
	USOC	NRMCK
OC-3	\$60.00	\$600.00
OC-12	60.00	600.00
OC-48	60.00	600.00
STS-1	60.00	

(I) Re-Map Service<sup>(1)</sup>

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 -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

<sup>(1)</sup> 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)

22.5.2.13 OC-192 Dedicated SONET Ring Service

(A) Nodes

Description	USOC	3 year <sup>(4)</sup>	5 Year <sup>(4)</sup>	Monthly Extension
- Customer Premises				
First	GP5AX	\$19,800.00	\$14,400.00	\$33,000.00
First Re-Map <sup>(3)</sup>	RNFAX	19,800.00	16,000.00	33,000.00
Additional	GP5AA	17,800.00	13,000.00	29,475.00
Additional Re-Map <sup>(3)</sup>	RNFAA	17,800.00	14,200.00	29,475.00
- Central Office	GC5AX	17,800.00	13,000.00	29,475.00

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per Node		
Customer Premises	NRBS7	\$400.00
Customer Premises Re-Map <sup>(3)</sup>	NRBS7	400.00
Central Office	NRBSV	325.00

(B) Add/Drop Capability

Description	USOC	3 year <sup>(4)</sup>	5 Year <sup>(4)</sup>	Monthly Extension
Per Arrangement	MXRGX	\$4,500.00	\$3,240.00	\$7,000.00
- (per node) <sup>(1)</sup> not to exceed any configurable combination of ports beyond 192 STS-1 equivalents				
-Re-Map <sup>(2) (3)</sup>	M8RGX	\$4,500.00	\$3,600.00	\$7,000.00

(1) The OC192 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)  
(N)

Description	USOC	36 Months <sup>(2)</sup>	60 Months <sup>(2)</sup>	Monthly Extension
(2) Optical to Electrical Per Arrangement <sup>(1)</sup> - (per node) not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXJGX	\$2,500.00	\$2,000.00	\$3,500.00

Description	USOC	Nonrecurring Charge
Subsequent Installation Per OC-3 to DS-1 Add/Drop	NRBS6	\$490.00
Subsequent Installation Optical/Electrical of DS3 Add/Drop	NRBS8	\$490.00

<sup>(1)</sup> 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 22.5.2.13(B).

<sup>(2)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)  
(N)

(C) Ports

Description	USOC	3 Year <sup>(3)</sup>	5 Year <sup>(3)</sup>	Monthly Extension
- Per Port				
DS1	S9QWX	\$ 50.00	\$45.00	\$65.00
DS3	S9QGX	120.00	110.00	150.00
DS3 w/Transmux <sup>(1)</sup>	S4NGX	250.00	200.00	300.00
EC-1	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	300.00	550.00
OC-48,OC-48c	S9NXX	825.00	760.00	1,425.00
OC-192 at OC-192 Node	S9T4X	3,300.00	3,000.00	5,700.00
100 Mbps Ethernet (STS-1) at OC-192	S9TNX	145.00	130.00	225.00
100 Mbps Ethernet (STS-3c) at OC-192	S9TOX	180.00	160.00	280.00
1 Gbps Ethernet (STS-1) at OC-192	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	1,500.00

Description	USOC	3 Year <sup>(3)</sup>	5 Year <sup>(3)</sup>	Monthly Extension
- Per port (Re-Map) <sup>(2)</sup>				
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 <sup>(1)</sup>	RN7TX	200.00	250.00	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
OC-192 Ring	RN74X	825.00	700.00	1425.00

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

<sup>(2)</sup> 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.

<sup>(3)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)  
(N)



Description	USOC	3 year <sup>(6)</sup>	5 Year <sup>(6)</sup>	Monthly Extension
EoS Ports				
Virtual Concatenation (VCAT) <sup>(1)</sup>				
- per multiplexing function				
10/100 BaseT Ethernet Port	S5P1X	250.00	180.00	350.00
Bandwidth options for port <sup>(2) (4) (5)</sup>				
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 <sup>(3) (4) (5)</sup>				
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)				

<sup>(1)</sup> Nonrecurring charges apply to EoS Ports, Virtual Concatenation (VCAT). See EoS Port charges in Section 22.5.2.13(C), for applicable nonrecurring charges.

<sup>(2)</sup> Actual payload capacity for selected bandwidth.

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

<sup>(4)</sup> Only Single-Mode Fiber is available in the Central Office.

<sup>(5)</sup> 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.

<sup>(6)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)  
(N)

Description	USOC	Nonrecurring Charge
Nonrecurring charges for subsequent installation		
- Per port type		
DS1	NRBSY	\$350.00
DS3	NRBSX	385.00
DS3 w/Transmux <sup>(1)</sup>	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	750.00
100 Mbps Ethernet (STS-1) at OC-192 node	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	385.00
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 <sup>(3)</sup>	5 Year <sup>(3)</sup>	Monthly Extension
Per mile between nodes <sup>(2)</sup>	1YAZX	\$260.00	\$210.00	\$330.00

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

<sup>(2)</sup> A two-node ring configuration has a two-mile minimum, one mile from the CO node to the customer premise node, and one mile from the customer premise node to the CO node.

<sup>(3)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017. (N)

(E) Ring Regenerator

Description	USOC	3 Year <sup>(2)</sup>	5 Year <sup>(2)</sup>	Monthly Extension
Each (as required)	RGY	\$9,250.00	\$ 7000.00	\$13,875.00

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	NRMCL	\$30.00

(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	NRMCK	2,250.00 <sup>(1)</sup>

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

<sup>(2)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, this footnote does not apply to any term plans established or renewed after July 15, 2017.

(N)  
(N)

Description	USOC	Nonrecurring Charge
Re-Map Service <sup>(4)</sup>		
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

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

Description	USOC	36 Months <sup>(5)</sup>	60 Months <sup>(5)</sup>	Monthly Extension
Per Arrangement <sup>(1)</sup> - per node) not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXJGX	\$2,500.00	\$2,000.00	\$3,500.00
-Re-Map <sup>(2) (4)</sup> 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 <sup>(3)</sup>	MXJDX	875.00	700.00	1,050.00
Re-Map <sup>(4)</sup> Per OC-3 to DS-1 Add/Drop <sup>(3)</sup>	M8RDX	875.00	700.00	1,050.00

<sup>(1)</sup> 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 22.4(B).

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

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

<sup>(4)</sup> 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.

<sup>(5)</sup> 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. Notwithstanding anything to the contrary in the previous two sentences, (N)  
this footnote does not apply to any term plans established or renewed after July 15, 2017. (N)

22.5.2.14 Wavelength Metropolitan Area Network (WaveMAN<sup>SM</sup>)

(1) Recurring Charges

(a) OC-48

		Term Pricing Plan					
	USOC	Monthly Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	NRC
(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

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(5) Protection - per WaveMAN <sup>SM</sup> 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 <sup>(1)</sup>	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	

<sup>(1)</sup> Power Protection rate elements are applicable as set forth in Section 16.1(J) (3) (d).

(T)  
(D)

	USOC	Monthly Extension	Term Pricing Plan				NRC
			12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(b) <u>OC-192</u>							
(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

	USOC	Monthly	Term Pricing Plan				NRC
		Extension	12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(5) Protection - per WaveMAN <sup>SM</sup> 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 <sup>(1)</sup>	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	

<sup>(1)</sup> Power Protection rate elements are applicable, as set forth in 16.1(J)(3)(d),  
 receding.



(c) <u>Transparent Transport</u> (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 100 Mbps - 2.5 Gbps	1L5XX	\$1,400.00	\$500.00	(C) (T)
b) Channel Mileage -Per Mile 100 Mbps - 2.5 Gbps	1L5XX	\$425.00	\$200.00	(D)

(d) <u>Transparent Transport</u> (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 2.5 Gbps to 10 Gbps	1L5XX	\$1,800.00	\$575.00	(C) (T)
b) Channel Mileage -Per Mile 2.5 Gbps to 10 Gbps	1L5XX	\$425.00	\$200.00	(T) (D)

(2) Installation and Rearrangement Charges

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

	<u>USOC</u>	<u>Nonrecurring Charges</u> <sup>(1)</sup>
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) 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> <sup>(1)</sup>
(1) Administrative Charge per Order	ORCMX	\$60.00
(2) Design Central Office Connection Charge per circuit	NRMCK	\$600.00
(3) Customer Connection Charge per Termination	NRBBL	\$1,500.00

<sup>(1)</sup> 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.

22.5.2.15 10 Gigabit Ethernet Metropolitan Area Network (DecaMAN®)

(A) Recurring Charges

(1) LAN-PHY

	USOC	Monthly Extension	Term Pricing Plan				NRC
			12 Mo.	24 Mo.	36 Mo.	60 Mo.	
(a) Local Distribution Channel							
-Per Point o 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

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	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				24 Mo.	36 Mo.	60 Mo.	
(e) Protection - per DecaMAN <sup>®</sup> 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 <sup>(1)</sup>	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

<sup>(1)</sup> Power Protection rate elements are applicable, as set forth in 25(3)(J)(d).

(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 <sup>®</sup> 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 <sup>(1)</sup>	VBBGX	700.00	625.00	525.00	480.00	435.00	475.00

<sup>(1)</sup> Power Protection rate elements are applicable, as set forth in 25(3)(J)(d).

(B) Installation and Rearrangement Charges

(1) LAN-PHY

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

(2) WAN PHY

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

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

22.6 Nevada Bell Wire Center Information

22.6.1 MSAs with Limited Service Relief

State	Wire Center CLLI	MSA Name
NB	EMPRNV11	RENO
NB	INVGNV11	RENO
NB	LCWDNV11	RENO
NB	RENONV02	RENO
NB	RENONV12	RENO
NB	RENONV13	RENO
NB	RENONV14	RENO
NB	RENONV15	RENO
NB	SNVYNV11	RENO
NB	SPRKNV11	RENO
NB	SPRKNV12	RENO
NB	STEDNV11	RENO
NB	VERDNV11	RENO
NB	WASONV11	RENO