

31. Metropolitan Statistical Area Access Services

31.1 General Description

- (A) This section of the Guidebook 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 31.2(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 31.2(B). (D)

- (B) The services provided in MSAs pursuant to this section of the Guidebook are set forth in Section 31.3, following. These services are comparable to Special Access Services in Part 7, Sections 7, 8, 23, 24, 29, 30, and 32 of this Guidebook. The general conditions, service descriptions, and rate conditions for Special Access Services in Part 2, Section 7 and Part 7, Sections 7, 8, 23, 24, 29, 30 and 32 are also applicable to the services specified in this section, except as provided below.

An exception in Section 31.4(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 are also applicable.

31.2 Metropolitan Statistical Areas

A. Full Service Relief MSAs are listed below:

California	San Jose ⁽¹⁾
California	Fresno
California	Los Angeles/Long Beach ⁽²⁾
California	San Francisco/Oakland ⁽³⁾

⁽¹⁾ This MSA previously qualified for Limited Service Relief and is now qualified for Full Service Relief per the April 11, 2002 approval of Pacific Bell's most recent Price Flex petition, Memorandum Opinion and Order, CCB/CPD Nos. 01-33 and 02-03, DA 02-823.

⁽²⁾ This MSA previously qualified for Limited Service Relief and is now qualified for Full Service Relief per the May 15, 2003 approval of Pacific Bell's most recent Price Flex petition, Memorandum Opinion and Order, WCB/Pricing No. 03-8, DA 03-1721.

⁽³⁾ This MSA previously qualified for Limited Service Relief and is now qualified for Full Service Relief pursuant to Pacific Bell Telephone Company's Price Flex petition, WCB/Pricing No. 12-04, DA 12-1000, being deemed granted by operation of law effective June 25, 2012.

B. Limited Service Relief MSAs are listed below:

State	MSA
California	Bakersfield
California	Modesto
California	Oxnard/Ventura
California	Sacramento
California	San Diego
California	Santa Rosa
California	Stockton

31.3 Services Available in an MSA

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

Special Access (Cont'd)
Video Service
OC-3, OC-12 and OC-48 Dedicated SONET Ring Service
OC-192 Dedicated SONET Ring Service
Optical Carrier Network (OCN) Point-to-Point Service
Gigabit Ethernet Metropolitan Access Network (GigaMAN)
Multi-service Optical Network (MON) Ring Service ⁽¹⁾
Wavelength Metropolitan Area Network (WaveMAN SM)
10 Gigabit Ethernet Metropolitan Area Network (DecaMAN [®])

31.4 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 31.5.

(D)

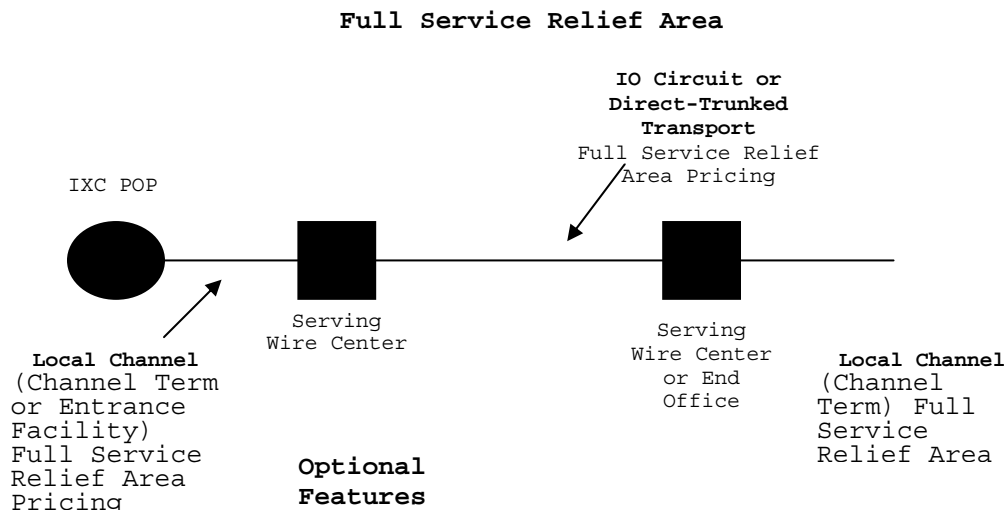


Figure 1

⁽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.

- (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 31.5, 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 7, Sections 7, 8, 23, 24, 29, 30 and 32 of this Guidebook. (T)
(T)

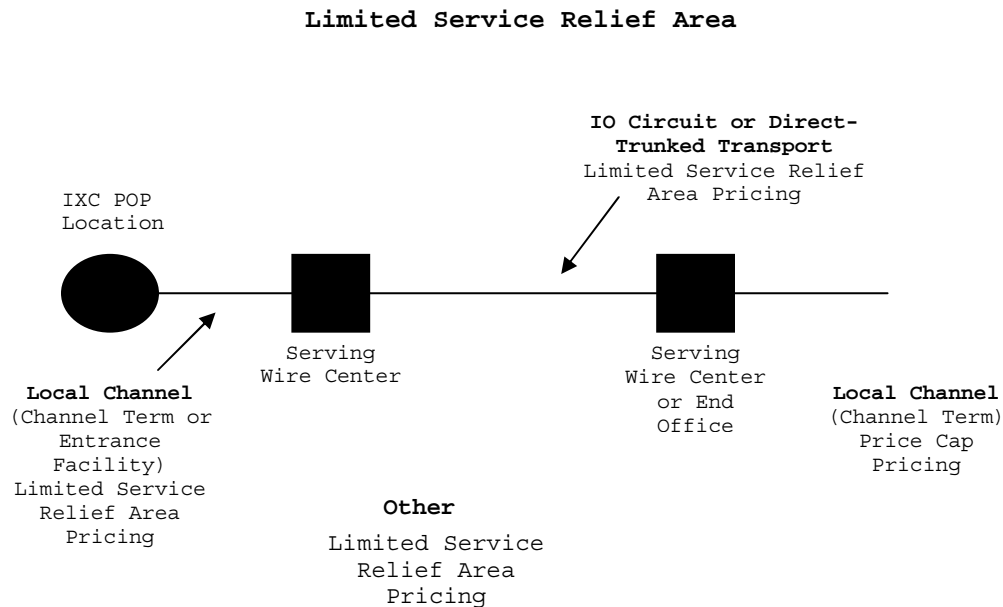


Figure 2

- (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 previously stated in Section 31.4(A). The rates and charges for local channels and optional features located in the Limited Service Relief Area are obtained as stated in Section 31.4(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 stated in Section 31.4(B).

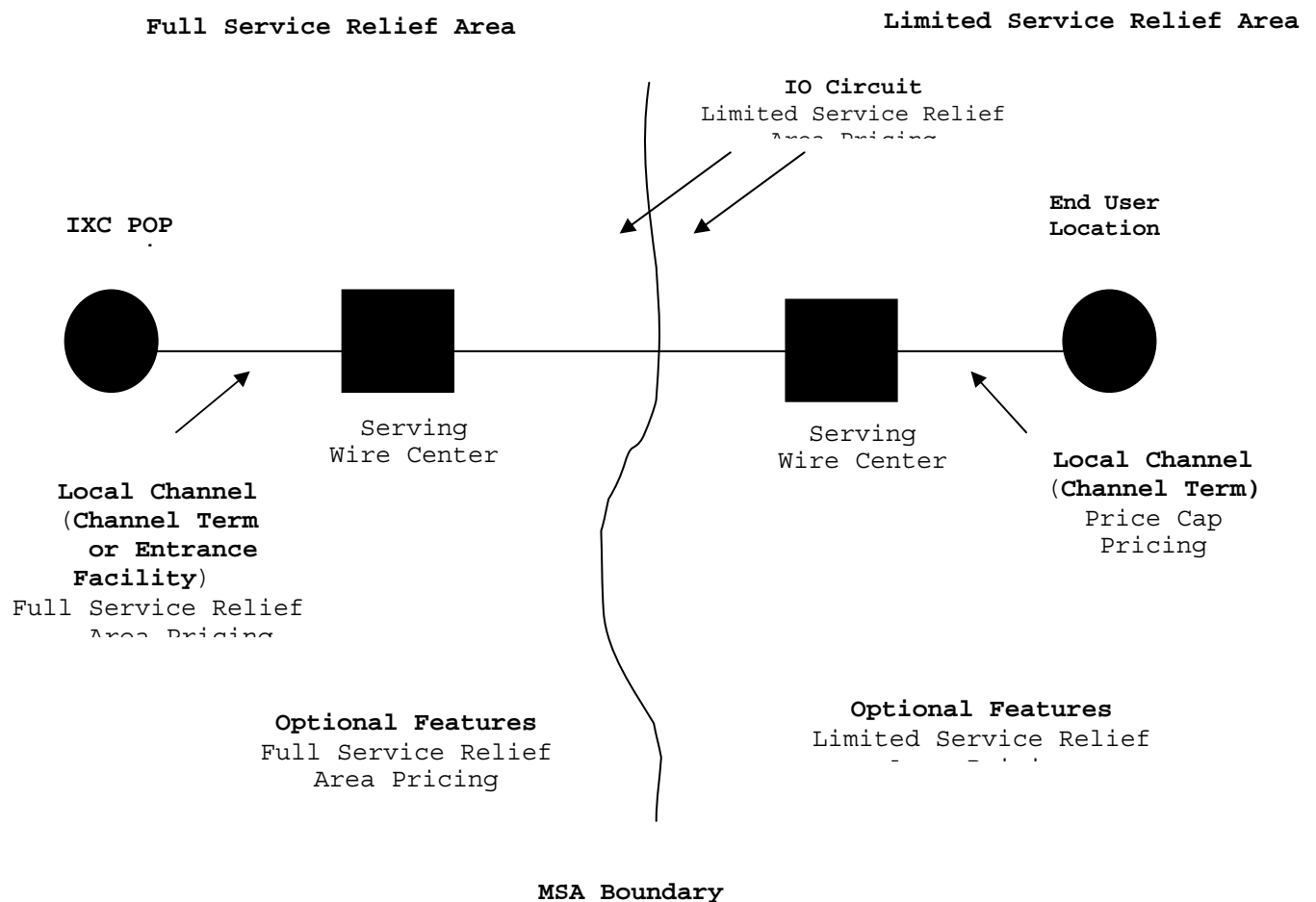


Figure 3

- (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 31.4(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 29 and Section 30.

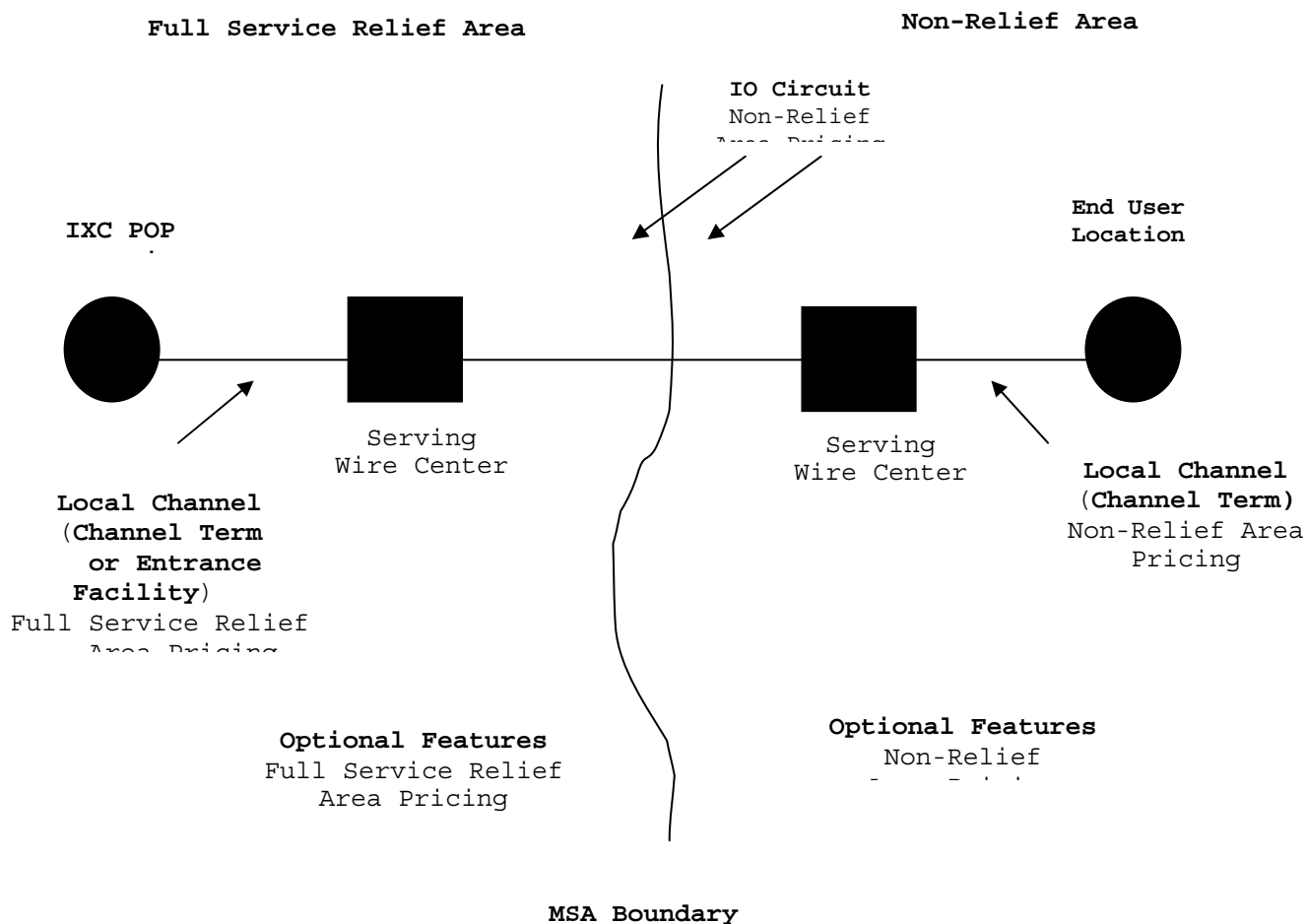


Figure 4

- (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 31.4(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 29 and Section 30.

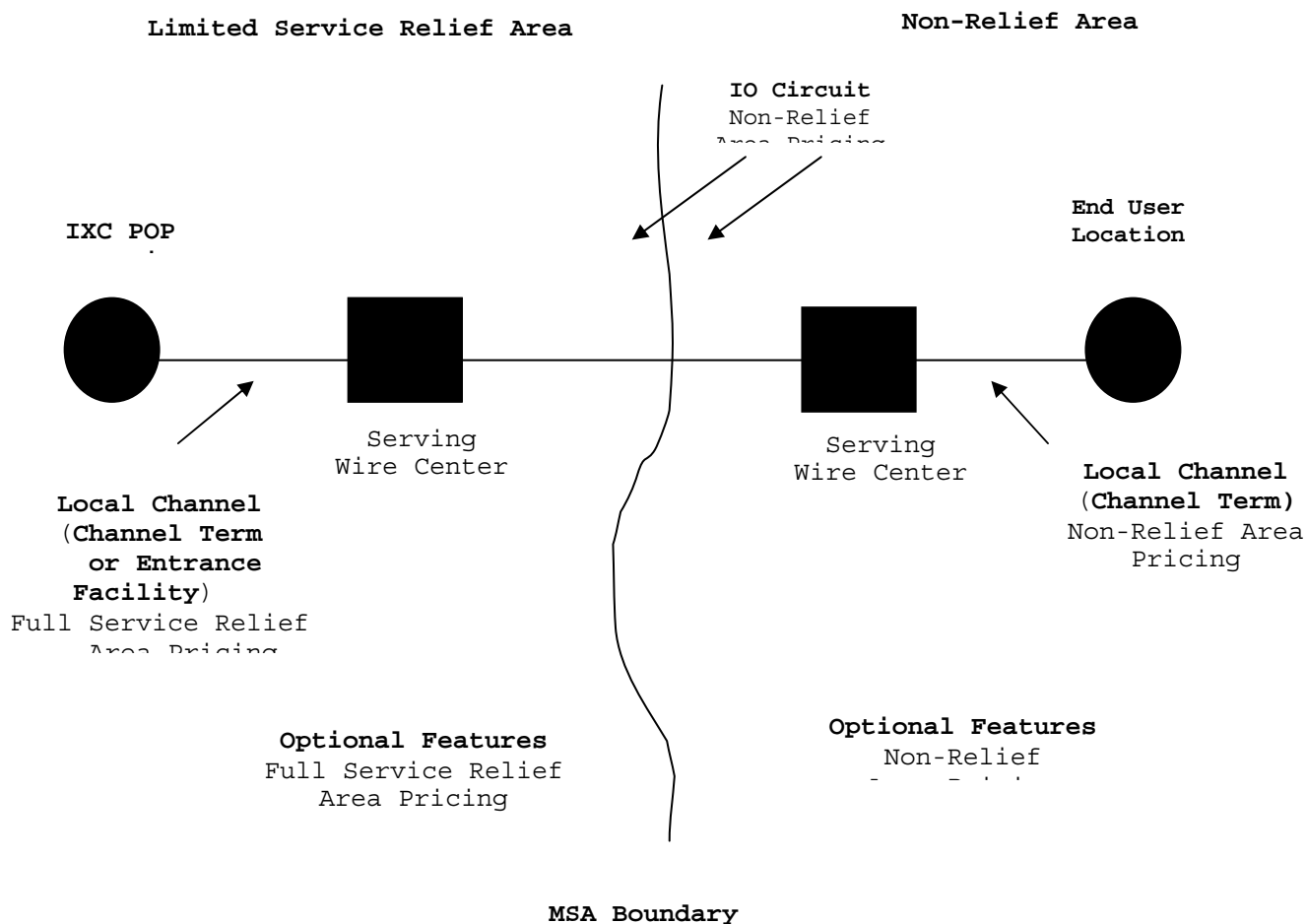


Figure 5

(F) Pricing Plans

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

- Rate Stability Payment Plan (RSPP)
- Term Pricing Plans (TPP)
- Optional Pricing Plan (OPP)
- Video Pricing Plan (VPP)

For Pricing Plans beginning prior to November 25, 2019: (N)

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 31.5 become lower than the rates received under their term pricing plan, except as provided below.

For Pricing Plans effective on or after November 25, 2019: (N)

New Pricing Plan customers will be required to pay the lower of
(1) the guidebook Pricing Plan rate at the time of billing; or
(2) 120% of the initial rate in the first year of the contract; 144% in the second year of the contract, and 173% in the third year of the contract. (N)

Certain rates in Section 31.5.2.7 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 31.5.2.7 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 31.5.2.7.1, 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 in Section 33 that specifies fixed rates for DS1/DS3 channel termination and/or mileage services are not subject to this provision, and will continue to pay the rates specified in such contract.

(M)

(M)

* This includes approved services in new full relief areas, new limited relief areas, and channel termination services for those limited relief MSAs which are becoming full relief areas.

⁽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.

(M) Material now appears on page 8.

(F) Pricing Plans (Cont'd)

(M)

Additional pricing flexibility relief was granted on April 11, 2002 for certain MSAs as indicated in Section 31.2. Customers in these additional relief areas* that committed to new term pricing plans as outlined above on or after July 3, 2001 but before June 18, 2002 will pay the rates outlined in the following Table A. Customers in these relief areas signing new term pricing plans on or after June 18, 2002 will pay the rates outlined in Section 31.5.

Additional pricing flexibility relief was granted on May 15, 2003 for certain MSAs as indicated in Section 31.2. Customers in these additional relief areas* that committed to new term pricing plans as outlined above on or after July 4, 2001 will pay the rates outlined in Section 31.5.4. Customers in these relief areas signing new term pricing plans on or after June 13, 2003 will pay the rates outlined in Section 31.5.

The effective date provides the effective date upon which these rates are applicable. Customers in relief areas not falling into these specific situations would pay the rates outlined in Section 31.5.

(M)

(M) Material previously appeared on page 7.

TABLE A

SP**	ZN	Description	Rate	Rates Effective
SP		OC192-DSRS-ADD/DROP CAP per arrangement-3 Yr	\$5,000.00	February 13, 2002
SP		OC192-DSRS-ADD/DROP CAP per arrangement-5 Yr	\$4,000.00	February 13, 2002
SP		SONET R&ACC CO NODE - DED RING 155 MBPS(OC3)5 Yr	\$1,300.00	May 18, 2002
SP		SONET R&ACC CO NODE - DED RING 622 MBPS(OC12)5 Yr	\$1,550.00	May 18, 2002
SP		SONET R&ACC CO NODE - DED RING 2.4 GBPS(OC48)5 Yr	\$3,600.00	May 18, 2002
SP		SONET R&ACC PREM NODE FOR DED RING 155 MBPS(OC3)5 Yr	\$1,400.00	May 18, 2002
SP		SONET R&ACC PREM NODE FOR DED RING 622 MBPS(OC12)5 Yr	\$1,800.00	May 18, 2002
SP		SONET R&ACC PREM NODE FOR DED RING 2.4 GBPS(OC48)5 Yr	\$4,450.00	May 18, 2002
SP		SONET R&ACC PREM ACC PORT 45 MBPS(DS3)5 Yr	\$145.00	May 18, 2002

** SP=Special Access Service.

31.5 Rates and Charges

31.5.1 Not in Use

31.5.2 Special Access Service

31.5.2.1 Not in Use

31.5.2.2 Not in Use

31.5.2.3 Not in Use

31.5.2.4 Not in Use

31.5.2.6 Not in Use

31.5.2.7 Not in Use

31.5.2.7.1 Not in Use

31.5.2.8 Not in Use

31.5.2.9 Not in Use

31.5.2.10 Not in Use

31.5.2.11 Not in Use

31.5.2.5 Video Service

(A) Serial Component Video Service (SCVS)

	USOC	Monthly Rates	Daily Rates
(1) Channel Termination			
- Per point of termination	AVSVM/AVSVD	\$ 900.00	\$315.00

Nonrecurring Charges - SCVS

	USOC	1st Ckt.	Addl. Ckt.
Monthly	AVSVM	\$1,000.00	\$500.00
Daily	AVSVD	1,866.00	755.00

(2) Channel Mileage

	USOC	Monthly Rates		Daily Rates	
		Fixed	Per Mile	Fixed	Per Mile
0 - <21	1L5XW/1L5	\$ 50.00	\$20.00	\$20.00	\$20.00
21 - <41	1L5XW/1L5	250.00	20.00	185.00	20.00
41 - <61	1L5XW/1L5	450.00	20.00	355.00	20.00
61 - <80	1L5XW/1L5	650.00	20.00	525.00	20.00
				Nonrecurring Charge	
	USOC				

(3) Service to Service Through Connect	BCSTC	\$160.00
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(4) Optional Features and Functions

	USOC	Monthly Rate	Daily Rate	Nonrecurring Charge ⁽¹⁾
(a) Virtual Studio	27VSM/27VSD	100.00	76.00	500.00

(b) Hubbing Arrangements

	USOC	Nonrecurring Charge
-Full-time to Full-time	B5N6F/BCSWV	\$18.95
-Full-time to Part-time	B5N6F/BCSWV	18.95
-Part-time to Part-time	B5N6F/BCSWV	18.95

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

	USOC	Daily Rate	Monthly Rates	Nonrecurring Charge ⁽¹⁾
-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 Option	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

(C)

(N)

(N)

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

31.5.2.5 Video Service (Cont'd)(A) Serial Component Video Service (SCVS) (Cont'd)

(d) Diversity Options

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

31.5.2.5 Video Service (Cont'd)

(B) High Definition Video Transport (HDVT)

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

(C)

(N)

(N)

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

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

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

(5) Video Pricing Plan (VPP)

(A) Serial Component Video Service (SCVS)

(1) Channel Termination, Per point of termination

		Monthly	Nonrecurring Charges	
	USOC	Rate	1st Ckt.	Add'l Ckt.
1 Year	AVSVM/AVSV1	\$855.00	\$500.00	\$250.00
3 Year	AVSVM/AVSV3	810.00	0.00	0.00
5 Year	AVSVM/AVSV5	765.00	0.00	0.00

(2) Channel Mileage

		1 Year		3 Year		5 Year	
		Monthly Rates		Monthly Rates		Monthly Rates	
	USOC	Fixed	Per Mile	Fixed	Per Mile	Fixed	Per Mile
0 - <21	1L5XW/1L5	\$48.00	\$19.00	\$45.00	\$18.00	\$43.00	\$17.00
21 - <41	1L5XW/1L5	238.00	19.00	225.00	18.00	213.00	17.00
41 - <61	1L5XW/1L5	428.00	19.00	405.00	18.00	383.00	17.00
61 - <80	1L5XW/1L5	618.00	19.00	585.00	18.00	553.00	17.00

		1 Year	3 Year	5 Year
	USOC	Monthly Rate	Monthly Rate	Monthly Rate
(a) Virtual Studio	27VSM/27VS+	\$95.00	\$90.00	\$85.00
(b) Video Access Gateway - Dedicated	BCSWG	N/A	1,200.00	1,200.00

	USOC	Nonrecurring Charge ⁽¹⁾	(T)
Virtual Studio	27VSM	\$500.00	
Video Gateway-Dedicated	BCSWG	0.00	

(c) Optical, Wavelength and Ethernet Handoff Options and Interfaces (C)

	USOC	Monthly	1 Year	3 Year	5 Year	Nonrecurring Charge ⁽¹⁾	(T)
-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	(N)
-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	(N)
-SMPTE 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	

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

(D)
(T)

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

(A) Serial Component Video Service (SCVS) (Cont'd)

	<u>USOC</u>	<u>Monthly</u>	<u>1 Year</u>	<u>3 Year</u>	<u>5 Year</u>	<u>Nonrecurring Charge</u> ⁽¹⁾	
(d) Diversity Options							
-Local Channel Diversity (Per Channel Termination)	CPAMX	\$410.00	\$350.00	\$260.00	\$225.00	N/A	(N) (N)
-Alternate Wire Center Diversity (Per Channel Termination)	CPABX	660.00	570.00	420.00	360.00	N/A	(N) (N)
-Inter-Wire Center Diversity (Per Circuit)	CPAUX	290.00	250.00	180.00	150.00	N/A	(N)
-Equipment Only Diversity (Per Channel Termination)	CPACX	415.00	370.00	270.00	245.00	N/A	(N) (N)

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

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

(B) High Definition Video Transport (HDVT)

	USOC	Monthly	1 Year	2 Year	3 Year	5 Year	Nonrecurring Charge ⁽¹⁾
(1) Channel Termination -per end	TZ4DX/ TZ4AX	\$750.00	\$700.00	\$625.00	\$585.00	\$525.00	\$1,500.00
(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	V8R/						
(a) Regenerator	V8R2X	\$440.00	\$440.00	\$430.00	\$430.00	\$420.00	N/A
(b) Optical, Wavelength and Ethernet Handoff Options							
(C)							
-OC-3 Handoff	VOF3X/ VOF32	\$750.00	\$650.00	\$560.00	\$300.00	\$275.00	\$700.00 ⁽²⁾
-OC-12 Handoff	VOF1X/ VOF12	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 ⁽²⁾
-OC-48 Handoff	VOF4X	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 ⁽²⁾ (N)
-2.5Gbps Ethernet/ Wavelength Handoff	VOFAX	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 ⁽²⁾
-10Gbps Ethernet Handoff	VOFBX	\$1,675.00	\$1,450.00	\$1,250.00	\$675.00	\$625.00	\$700.00 ⁽²⁾ (N)
(c) Multi Media Channel ^(1,3)							
-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

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

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

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

31.5.2.12 Dedicated SONET Ring Service(A) Node

Description	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension
Per Node:				
OC-3				
-Customer Premises				
First	FP5CX	\$3,180.00 (I)	\$1,750.00	\$3,840.00 (I)
First Re-Map ⁽¹⁾	RN8CX	2,650.00	1,750.00	3,200.00
Additional	FP5CA	3,180.00 (I)	1,750.00	3,840.00 (I)
Additional Re-Map ⁽¹⁾	RN8CA	2,650.00	1,750.00	3,200.00
-Central Office	FC5CX	2,460.00 (I)	1,600.00	3,120.00 (I)
OC-12				
-Customer Premises				
First	FP5DX	3,540.00 (I)	2,200.00	4,560.00 (I)
First Re-Map ⁽¹⁾	RN8DX	2,950.00	2,200.00	3,800.00
Additional	FP5DA	3,540.00 (I)	2,200.00	4,560.00 (I)
Additional Re-Map ⁽¹⁾	RN8DA	2,950.00	2,200.00	3,800.00
-Central Office	FC5DX	2,640.00 (I)	1,850.00	3,480.00 (I)
OC-48				
-Customer Premises				
First	FP5EX	7,200.00 (I)	4,900.00	8,520.00 (I)
First Re-Map ⁽¹⁾	RN8EX	6,000.00	4,900.00	7,100.00
Additional	FP5EA	7,200.00 (I)	4,900.00	8,520.00 (I)
Additional Re-Map ⁽¹⁾	RN8EA	6,000.00	4,900.00	7,100.00
-Central Office	FC5EX	6,300.00 (I)	4,000.00	7,200.00 (I)
Description	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension
Per node:				
Flex-Ring				
Customer Premises node for 2nd ring double on existing				
OC-12	GP5FX	2,640.00 (I)	1,800.00	3,480.00 (I)
OC-48	GP5GX	4,680.00 (I)	3,000.00	5,400.00 (I)
Central Office node for 2nd ring double on existing				
OC-12	GC5FX	2,220.00 (I)	1,500.00	2,640.00 (I)
OC-48	GC5GX	4,200.00 (I)	2,800.00	4,920.00 (I)

⁽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. 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.

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

(B) OC-48 Add/Drop Capability

Description	USOC	36 Months ⁽⁴⁾	60 Months ⁽⁴⁾	Monthly Extension
Per Arrangement	MPEFX	\$1,650.00	\$1,400.00	\$2,100.00
Re-Map ⁽³⁾				
per arrangement	M8RFX	1,650.00	1,400.00	2,100.00
Description	USOC	Nonrecurring Charge		
Nonrecurring charges for subsequent installation				
per arrangement	NRBS8		490.00	

(C) Ports

Description	USOC	36 Months ⁽⁴⁾	60 Months ⁽⁴⁾	Monthly Extension
- Per Port (excluding Re-Map)				
DS1 at OC-3 Node	SPRAX	\$ 36.00 (I)	\$ 25.00	\$ 78.00 (I)
DS3 at OC-3 Node	SPRBX	144.00 (I)	110.00	180.00 (I)
EC-1 at OC-3 Node	S9NSX	120.00	110.00	150.00
OC-3 at OC-3 Node	S9T1X	420.00 (I)	300.00	660.00 (I)
DS3 at OC-12 Node	SPRCX	144.00 (I)	110.00	180.00 (I)
EC-1 at OC-12 Node	S9NUX	120.00	110.00	150.00
OC-3 or OC-3c at OC-12 Node	SPREX	180.00 (I)	135.00	228.00 (I)
DS1 at OC-12 Node ⁽¹⁾⁽²⁾	SPRGX	36.00 (I)	25.00	78.00 (I)
OC-12 at OC-12 Node	S9T2X	1,020.00 (I)	725.00	1,260.00 (I)

⁽¹⁾ Optical to Electrical DS1 add/drop capability as described in 31.3(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.

Description	USOC	36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension
-Per Port (excluding Re-Map)				
OC-12 or OC-12c at OC-48 Node	SPRHX	450.00 (I)	360.00	570.00 (I)
OC-3 or OC-3c at OC-48 Node	SPRJX	180.00 (I)	135.00	228.00 (I)
DS3 at OC-48 Node	SPRKX	144.00 (I)	110.00	180.00 (I)
EC-1 at OC-48 Node	S9NVX	120.00	110.00	150.00
DS1 at OC-48 Node ⁽¹⁾	SPRLX	60.00 (I)	45.00	78.00 (I)
OC-48 at OC-48 Node	S9T3X	2,280.00 (I)	1,650.00	3,420.00 (I)
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

⁽¹⁾ Optical to Electrical DS1 add/drop capability as described in 31.3(A) (5) is needed along with an OC-3 port.

⁽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. 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.

Description	USOC	36 Months ⁽⁶⁾	60 Months ⁽⁶⁾	Monthly Extension
EoS Ports				
Virtual Concatenation (VCAT) ⁽¹⁾				
- per multiplexing function				
10/100 BastT 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 31.5.2.12(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)

Description	USOC	36 Months ⁽³⁾	60 Months ⁽³⁾	Monthly Extension
- Per port (Re-Map) ⁽²⁾				
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 ⁽¹⁾	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	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-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

⁽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 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 ⁽²⁾	60 Months ⁽²⁾	Monthly Extension
Per mile between nodes by ring type					
OC-3	1YAZX	0-10 miles over 10	None \$300.00 (I)	None \$220.00	None \$396.00 (I)
	miles				
OC-12	1YAZX	0-10 miles over 10	None \$312.00 (I)	None \$220.00	None \$396.00 (I)
	miles				
OC-48	1YAZX	0-10 miles over 10	None \$312.00 (I)	None \$220.00	None \$396.00 (I)
	miles				

(E) Optical to Electrical DS1 Add/Drop Capability

Description	USOC		36 Months ⁽²⁾	60 Months ⁽²⁾	Monthly Extension
Per OC-3 to DS1 Add/Drop	MXJDX		650.00	550.00	900.00
Re-Map ⁽¹⁾					
Per OC-3 to DS-1 Add/Drop	M8RDX		650.00	550.00	900.00

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 ⁽²⁾	60 Months ⁽²⁾	Monthly Extension
OC-3					
Each (as required)	RGY		\$1,200.00 (I)	\$ 800.00	\$1,440.00 (I)
OC-12					
Each (as required)	RGY		3,144.00 (I)	2,095.00	3,768.00 (I)
OC-48					
Each (as required)	RGY		3,930.00 (I)	2,620.00	4,716.00 (I)

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

⁽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. 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.

(G) Shared Network Arrangement

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

(H) Installation and Rearrangement Charges

Description	Administrative Charge per Order	Design and Central Office Connection Charge, per Initial Ring
	USOC	ORCMX
		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 ⁽¹⁾

(N)

Description	USOC	Nonrecurring Charge
Re-Map Service 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

⁽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)

31.5.2.12.1 OC-192 Dedicated SONET Ring Service(A) Nodes

Description	USOC	3 year ⁽⁴⁾	5 Year ⁽⁴⁾	Monthly Extension
- Customer Premises				
First	GP5AX/GP5++	\$26,400.00 (I)	\$17,650.00	\$39,600.00 (I)
First Re-Map ⁽³⁾	RNFAX	19,800.00	16,000.00	33,000.00
Additional	GP5AA/GP5++	23,580.00 (I)	15,700.00	35,370.00 (I)
Additional Re-Map ⁽³⁾	RNFAA	17,800.00	14,200.00	29,475.00
- Central Office	GC5AX/GC5++	23,580.00 (I)	15,700.00	35,370.00 (I)

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

(B) Add/Drop Capability

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

⁽¹⁾ The OC-192 Add/Drop 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.

Description	USOC	36 Months ⁽⁵⁾	60 Months ⁽⁵⁾	Monthly Extension
(2) Optical to Electrical Per Arrangement ⁽¹⁾				
- (per node) not to exceed any configurable combination of ports beyond 192 STS-1 equivalents	MXJGX/MXJ++	\$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

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

⁽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 31.5.2.12(B).

⁽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. 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)

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 PART 7 - Special Access Services - West - CA
 SECTION 31 - MSA Access Services

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Description	USOC	3 Year ⁽³⁾	5 Year ⁽³⁾	Monthly Extension
-Per Port				
DS1	S9QWX	\$60.00 (I)	\$45.00	\$78.00 (I)
DS3	S9QGX/S9Q++	144.00 (I)	110.00	180.00 (I)
DS3 w/Transmux ⁽¹⁾	S4NGX	250.00	200.00	300.00
EC-1	S9TZX	120.00	110.00	150.00
OC-3, OC-3c	S9NEX/S9N++	162.00 (I)	120.00	270.00 (I)
OC-12, OC-12c	S9NGX/S9N++	390.00 (I)	300.00	660.00 (I)
OC-48, OC-48c	S9NJX/S9N++	990.00 (I)	760.00	1,710.00 (I)
OC-192	S9T4X	3,960.00 (I)	3,000.00	6,840.00 (I)
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	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 ⁽³⁾	5 Year ⁽³⁾	Monthly Extension
- 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	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
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. 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.

Description	USOC	3 year ⁽⁶⁾	5 Year ⁽⁶⁾	Monthly Extension
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 31.5.2.12.1(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 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. 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 ⁽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	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	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
Per mile between nodes ⁽²⁾	1YAZX/IYA++	\$312.00 (I)	\$220.00	\$396.00 (I)

* Effective January 21, 2004, new orders for OC-192 Dedicated SONET Ring Service with the EoS enhancement will be served by different equipment. Disconnect of the existing OC-192 Dedicated SONET Ring Service and placement of an order for new OC-192 Dedicated SONET Ring Service with the EoS enhancement is required. Refer to Section 30.3(J) for details.

⁽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 premise node, and one mile from the customer premise 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. 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.

	USOC	3 Year	5 Year	Monthly Extension
Each (as required)	RGY/RGY++	\$11,100.00 (I)	\$7,400.00	\$16,650.00 (I)

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 ⁽¹⁾
Re-Map Service ⁽²⁾		
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 ⁽²⁾ (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.

Pages 22 through 29 are hereby deleted in their entirety and removed from
this Guidebook.

(N)
(N)

(D)

31.5.2.14 Gigabit Ethernet Metropolitan Area Network (GigaMAN®)
(A) Recurring Charges

		Term Pricing Plan				
	USOC	Monthly 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						
-All States	CPALX	\$750.00	\$750.00	\$750.00	\$750.00	0.00
Inter Wire Center Diversity						
-Per Channel Terminating Bit Rate 1 Gbps						
-All States	CPATX	\$500.00	\$500.00	\$500.00	\$500.00	0.00
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	0.00

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan		NRC
				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 ⁽¹⁾	VBBGX	700.00	625.00	480.00	435.00	475.00

⁽¹⁾ Power protection rate elements are applicable as set forth in Section 7.2.12 (K) (3) (d).

(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 ⁽¹⁾	\$60.00 ⁽¹⁾
(2) Design Central Office Connection Charge per circuit	NRMCK	\$230.00	\$230.00 ⁽¹⁾	\$230.00 ⁽¹⁾
(3) Customer Connection Charge per termination	NRBBL	\$1,500.00	\$1,500.00 ⁽¹⁾	\$1,500.00 ⁽¹⁾

⁽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.

31.5.2.15 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	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

⁽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 Rates</u>		<u>Monthly Extension</u>
		<u>3 Year</u>	<u>5 Year</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 ⁽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.

(C) <u>Ports</u>				
-per port/per circuit terminating location				
	<u>USOC</u>	<u>Monthly 3 Year</u>	<u>Rates 5 Year</u>	<u>Monthly Extension</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		
	<u>USOC</u>	<u>Monthly Rates</u>		<u>Monthly</u>
		<u>3 Year</u>	<u>5 Year</u>	<u>Extension</u>
(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 3 Year	Monthly 5 Year	Monthly Extension
(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 Riding Circuit ^{TM/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	PWY5W	100.00	100.00	150.00
	- protected channel	PWY5P	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

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/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 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^{TM/1/} Sub-Rate System.

-per port/per circuit terminating location				
	USOC	Monthly Rates		Monthly Extension
		3 Year	5 Year	
(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 customers purchasing this service after 09/08/07.

/5/ Available only when ordered with an OC-48 Sub-Rate System.

31.5.2.16 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

	USOC	Monthly Extension	12 Mo.	Term Pricing Plan			NRC
				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 23(3)(J)(d).

(2) <u>WAN-PHY</u>								
		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	12 Mo.	Term Pricing Plan			NRC
				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 23(3)(J)(d).

(B) Installation and Rearrangement Charges(1) LAN-PHY

	USOC	<u>Nonrecurring Charge</u> ⁽¹⁾
(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

WAN-PHY

	USOC	<u>Nonrecurring Charge</u> ⁽¹⁾
(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

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

31.5.2.17 Wavelength Metropolitan Area Network (WaveMANSM)(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.	24 Mo.	Term Pricing Plan			NRC
(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 Section 24.1(J) (3) (d).

(T)
(D)

(b) OC-192

		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 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 Extension	12 Mo.	Term Pricing Plan			NRC
				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 Section 24.1 (T)
(J) (3) (d). (D)

(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				(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) <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				(C)
2.5 Gbps to 10 Gbps	1L5XX	\$1,800.00	\$575.00	(T)
b) Channel Mileage				
-Per Mile				(T)
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⁾
(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> ⁽¹⁾
(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

⁽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.

31.5.3 Access Order Charges

(A) Access Order Charges

- (1) The following access order charge applies to the Special Access Service.

	<u>USOC</u>	<u>Charge per Access Order/Request</u>
Special Access Order Charge	NRBAO	\$22.00

31.5.4 Not in Use

31.6 Pacific Bell Wire Center Information

31.6.1 MSAs with Limited Service Relief

State	Wire Center CLLI	MSA Name
CA	ARVNCA11	BAKERSFIELD
CA	BKFDCA11	BAKERSFIELD
CA	BKFDCA12	BAKERSFIELD
CA	BKFDCA13	BAKERSFIELD
CA	BKFDCA14	BAKERSFIELD
CA	BKFDCA15	BAKERSFIELD
CA	BKFDCA17	BAKERSFIELD
CA	BKFDCA19	BAKERSFIELD
CA	BVSPCA11	BAKERSFIELD
CA	DELNCA11	BAKERSFIELD
CA	EDWRCA01	BAKERSFIELD
CA	FZPKCA11	BAKERSFIELD
CA	LAMTCA11	BAKERSFIELD
CA	LEBCCA11	BAKERSFIELD
CA	LEBCCA12	BAKERSFIELD
CA	MOJVCA01	BAKERSFIELD
CA	OLDLCA11	BAKERSFIELD
CA	RSMDCA11	BAKERSFIELD
CA	SHFTCA11	BAKERSFIELD
CA	THCHCA01	BAKERSFIELD
CA	WASCCA01	BAKERSFIELD
CA	WLBSA11	BAKERSFIELD
CA	CWLDCA12	MODESTO
CA	HGSNCA11	MODESTO
CA	KNFYCA11	MODESTO
CA	MDSTCA02	MODESTO
CA	MDSTCA03	MODESTO
CA	MDSTCA04	MODESTO
CA	MDSTCA05	MODESTO
CA	MDSTCA52	MODESTO
CA	NWMNCA12	MODESTO
CA	OKDLCA11	MODESTO
CA	RVRBCA11	MODESTO
CA	TRLCCA11	MODESTO
CA	WTFRCA11	MODESTO
CA	FLMRCA11	OXNARD/VENTURA
CA	MRPKCA12	OXNARD/VENTURA
CA	OJAICA11	OXNARD/VENTURA
CA	OKVWCA11	OXNARD/VENTURA
CA	PIRUCA11	OXNARD/VENTURA
CA	SATCCA12	OXNARD/VENTURA
CA	SIMICA11	OXNARD/VENTURA
CA	VNTRCA02	OXNARD/VENTURA
CA	VNTRCA11	OXNARD/VENTURA
CA	AUBNCA01	SACRAMENTO
CA	AUBNCA11	SACRAMENTO
CA	BCWYCA11	SACRAMENTO
CA	DAVSCA11	SACRAMENTO
CA	DNGNCA12	SACRAMENTO
CA	DTFLCA11	SACRAMENTO

State	Wire Center CLLI	MSA Name
CA	ESPRCA11	SACRAMENTO
CA	FLSMCA12	SACRAMENTO
CA	FLSMCA14	SACRAMENTO
CA	FROKCA11	SACRAMENTO
CA	GALTCA11	SACRAMENTO
CA	HERLCA11	SACRAMENTO
CA	HMWDCA11	SACRAMENTO
CA	LNCLCA11	SACRAMENTO
CA	LOMSCA11	SACRAMENTO
CA	MCLNCABC	SACRAMENTO
CA	NHLDCA11	SACRAMENTO
CA	NSCRCA11	SACRAMENTO
CA	NSCRCA12	SACRAMENTO
CA	NWCSCA11	SACRAMENTO
CA	ORVACA11	SACRAMENTO
CA	RCKLCA11	SACRAMENTO
CA	RILNCA12	SACRAMENTO
CA	RNMRC11	SACRAMENTO
CA	SCRMCA01	SACRAMENTO
CA	SCRMCA02	SACRAMENTO
CA	SCRMCA03	SACRAMENTO
CA	SCRMCA11	SACRAMENTO
CA	SCRMCA12	SACRAMENTO
CA	SCRMCA13	SACRAMENTO
CA	THCYCA01	SACRAMENTO
CA	TRUCCA12	SACRAMENTO
CA	WDLCA11	SACRAMENTO
CA	WNTRCA11	SACRAMENTO
CA	WSCRC11	SACRAMENTO
CA	ALPICA12	SAN DIEGO
CA	BRSPCA11	SAN DIEGO
CA	CAMPCA11	SAN DIEGO
CA	CHVSCA11	SAN DIEGO
CA	CHVSCA12	SAN DIEGO
CA	CMPDCA01	SAN DIEGO
CA	CRLSCA11	SAN DIEGO
CA	CRLSCA12	SAN DIEGO
CA	CRNDCA11	SAN DIEGO
CA	DLMRCA12	SAN DIEGO
CA	DLZRCA11	SAN DIEGO
CA	ELCJCA11	SAN DIEGO

State	Wire Center CLLI	MSA Name
CA	ENCTCA12	SAN DIEGO
CA	ESCNCA01	SAN DIEGO
CA	FLBKCA12	SAN DIEGO
CA	IMBHCA11	SAN DIEGO
CA	JAMLCA60	SAN DIEGO
CA	JCMBCA11	SAN DIEGO
CA	JULNCA12	SAN DIEGO
CA	LAJLCA11	SAN DIEGO
CA	LAMSCA01	SAN DIEGO
CA	LKSDCA12	SAN DIEGO
CA	NTCYCA11	SAN DIEGO
CA	OCSDCA11	SAN DIEGO
CA	OTMSCA11	SAN DIEGO
CA	PALACA11	SAN DIEGO
CA	PCBHCA01	SAN DIEGO
CA	PCBHCA11	SAN DIEGO
CA	PNVYCA11	SAN DIEGO
CA	POWYCA11	SAN DIEGO
CA	RAMNCA11	SAN DIEGO
CA	RBRNCA11	SAN DIEGO
CA	RNPSCA11	SAN DIEGO
CA	RNSDCA11	SAN DIEGO
CA	RSFECA12	SAN DIEGO
CA	SANTCA01	SAN DIEGO
CA	SNDGCA01	SAN DIEGO
CA	SNDGCA02	SAN DIEGO
CA	SNDGCA03	SAN DIEGO
CA	SNDGCA05	SAN DIEGO
CA	SNDGCA06	SAN DIEGO
CA	SNDGCA11	SAN DIEGO
CA	SNDGCA12	SAN DIEGO
CA	SNDGCA14	SAN DIEGO
CA	SNDGCA15	SAN DIEGO
CA	SNDGCA16	SAN DIEGO
CA	SNMCCA11	SAN DIEGO
CA	SNYSKA12	SAN DIEGO
CA	VISTCA12	SAN DIEGO
CA	VLCTCA11	SAN DIEGO
CA	WNSPCA12	SAN DIEGO

(D)

(D)

State	Wire Center CLLI	MSA Name
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(D)

(D)

State	Wire Center CLLI	MSA Name
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(D)

CA	ANNPCA11	SANTA ROSA
CA	BDBACA11	SANTA ROSA
CA	CODLCA11	SANTA ROSA
CA	CTTICA12	SANTA ROSA
CA	FSVLCA11	SANTA ROSA
CA	GUVLCA11	SANTA ROSA
CA	GYVLCA11	SANTA ROSA
CA	HLBGCA11	SANTA ROSA
CA	MNRICA11	SANTA ROSA
CA	OCDNCA11	SANTA ROSA
CA	PTLMCA01	SANTA ROSA
CA	RTPKCA11	SANTA ROSA
CA	SBSTCA11	SANTA ROSA
CA	SNRSCA01	SANTA ROSA
CA	SNRSCA11	SANTA ROSA
CA	SONMCA12	SANTA ROSA
CA	VYFRCA11	SANTA ROSA
CA	WNDSCA11	SANTA ROSA
CA	ESCLCA11	STOCKTON
CA	LCFRCA11	STOCKTON
CA	LODICA01	STOCKTON
CA	SKTNCA01	STOCKTON
CA	SKTNCA11	STOCKTON
CA	SKTNCA12	STOCKTON
CA	SKTNCA14	STOCKTON
CA	THTNCA11	STOCKTON
CA	TRACCA11	STOCKTON

(D)

31.6.2 MSAs with Full Service Relief

State	Wire Center CLLI	MSA Name
CA	BURLCA11	FRESNO
CA	CLNGCA01	FRESNO
CA	CLVSCA11	FRESNO
CA	CRTHCA11	FRESNO
CA	DLRYCA11	FRESNO
CA	FRBHCA11	FRESNO
CA	FRSNCA01	FRESNO
CA	FRSNCA11	FRESNO
CA	FRSNCA12	FRESNO
CA	FRSNCA13	FRESNO
CA	FRSNCA14	FRESNO
CA	FRSNCA15	FRESNO
CA	FVPNCA11	FRESNO
CA	HURNCA11	FRESNO
CA	KGBGCA11	FRESNO
CA	LATNCA11	FRESNO
CA	MNDTCA11	FRESNO
CA	ORCVCA11	FRESNO
CA	PRLRCA11	FRESNO
CA	RVDLCA11	FRESNO
CA	SELMCA11	FRESNO
CA	ACTNCA11	LOS ANGELES/LONG BEACH
CA	AGDLCA11	LOS ANGELES/LONG BEACH
CA	AGORCA11	LOS ANGELES/LONG BEACH
CA	ALHBCA01	LOS ANGELES/LONG BEACH
CA	ANHMCA01	LOS ANGELES/LONG BEACH
CA	ANHMCA02	LOS ANGELES/LONG BEACH
CA	ANHMCA11	LOS ANGELES/LONG BEACH
CA	ANHMCA12	LOS ANGELES/LONG BEACH
CA	ANHMCA17	LOS ANGELES/LONG BEACH
CA	ARCDCA11	LOS ANGELES/LONG BEACH
CA	ARTNCA11	LOS ANGELES/LONG BEACH
CA	AVLNCA11	LOS ANGELES/LONG BEACH
CA	BAKRCA11	LOS ANGELES/LONG BEACH
CA	BALBCA01	LOS ANGELES/LONG BEACH
CA	BELLCA11	LOS ANGELES/LONG BEACH
CA	BNPKCA11	LOS ANGELES/LONG BEACH
CA	BRBNCA11	LOS ANGELES/LONG BEACH
CA	BRBNCA13	LOS ANGELES/LONG BEACH
CA	BREACA12	LOS ANGELES/LONG BEACH
CA	BVHLCA01	LOS ANGELES/LONG BEACH
CA	CLBSCA11	LOS ANGELES/LONG BEACH

State	Wire Center CLLI	MSA Name
CA	CLBSCA50	LOS ANGELES/LONG BEACH
CA	CLCYCA11	LOS ANGELES/LONG BEACH
CA	CMTNCA01	LOS ANGELES/LONG BEACH
CA	CNPKCA01	LOS ANGELES/LONG BEACH
CA	CORNCA11	LOS ANGELES/LONG BEACH
CA	COTNCA11	LOS ANGELES/LONG BEACH
CA	CRDMCA11	LOS ANGELES/LONG BEACH
CA	CSMSCA11	LOS ANGELES/LONG BEACH
CA	CSTCCA11	LOS ANGELES/LONG BEACH
CA	ELMNCA01	LOS ANGELES/LONG BEACH
CA	ELSGCA12	LOS ANGELES/LONG BEACH
CA	ELTRCA11	LOS ANGELES/LONG BEACH
CA	FNTACA11	LOS ANGELES/LONG BEACH
CA	FUTNCA01	LOS ANGELES/LONG BEACH
CA	GLDLCA11	LOS ANGELES/LONG BEACH
CA	GRDNCA01	LOS ANGELES/LONG BEACH
CA	GRDNCA02	LOS ANGELES/LONG BEACH
CA	GRDNCA03	LOS ANGELES/LONG BEACH
CA	GRGVCA01	LOS ANGELES/LONG BEACH
CA	HGLDCA11	LOS ANGELES/LONG BEACH
CA	HLWDCA01	LOS ANGELES/LONG BEACH
CA	HNPCKA01	LOS ANGELES/LONG BEACH
CA	HWTHCA01	LOS ANGELES/LONG BEACH
CA	IGWDCA01	LOS ANGELES/LONG BEACH
CA	IRVNCA01	LOS ANGELES/LONG BEACH
CA	IRVNCA11	LOS ANGELES/LONG BEACH
CA	IRVNCA12	LOS ANGELES/LONG BEACH
CA	LACNCA11	LOS ANGELES/LONG BEACH
CA	LACRCA11	LOS ANGELES/LONG BEACH
CA	LGNGCA12	LOS ANGELES/LONG BEACH
CA	LKLACA11	LOS ANGELES/LONG BEACH
CA	LNVCYA11	LOS ANGELES/LONG BEACH
CA	LOMTCA11	LOS ANGELES/LONG BEACH
CA	LSANCA01	LOS ANGELES/LONG BEACH
CA	LSANCA02	LOS ANGELES/LONG BEACH
CA	LSANCA03	LOS ANGELES/LONG BEACH
CA	LSANCA04	LOS ANGELES/LONG BEACH
CA	LSANCA05	LOS ANGELES/LONG BEACH
CA	LSANCA06	LOS ANGELES/LONG BEACH
CA	LSANCA07	LOS ANGELES/LONG BEACH
CA	LSANCA08	LOS ANGELES/LONG BEACH
CA	LSANCA09	LOS ANGELES/LONG BEACH
CA	LSANCA10	LOS ANGELES/LONG BEACH
CA	LSANCA11	LOS ANGELES/LONG BEACH
CA	LSANCA12	LOS ANGELES/LONG BEACH

State	Wire Center CLLI	MSA Name
CA	LSANCA13	LOS ANGELES/LONG BEACH
CA	LSANCA14	LOS ANGELES/LONG BEACH
CA	LSANCA15	LOS ANGELES/LONG BEACH
CA	LSANCA23	LOS ANGELES/LONG BEACH
CA	LSANCA29	LOS ANGELES/LONG BEACH
CA	LSANCA34	LOS ANGELES/LONG BEACH
CA	LSANCA35	LOS ANGELES/LONG BEACH
CA	LSANCA38	LOS ANGELES/LONG BEACH
CA	LSANCA56	LOS ANGELES/LONG BEACH
CA	LTRKCA11	LOS ANGELES/LONG BEACH
CA	MSVJCAAT	LOS ANGELES/LONG BEACH
CA	MTPSCA11	LOS ANGELES/LONG BEACH
CA	NHLLCA01	LOS ANGELES/LONG BEACH
CA	NHWDCA01	LOS ANGELES/LONG BEACH
CA	NHWDCA02	LOS ANGELES/LONG BEACH
CA	NORGCA11	LOS ANGELES/LONG BEACH
CA	ORNGCA11	LOS ANGELES/LONG BEACH
CA	ORNGCA13	LOS ANGELES/LONG BEACH
CA	ORNGCA14	LOS ANGELES/LONG BEACH
CA	PDLYCA11	LOS ANGELES/LONG BEACH
CA	PLCNCA11	LOS ANGELES/LONG BEACH
CA	PLDLCA01	LOS ANGELES/LONG BEACH
CA	PLDLCA11	LOS ANGELES/LONG BEACH
CA	PRMTCA01	LOS ANGELES/LONG BEACH
CA	PSDNCA11	LOS ANGELES/LONG BEACH
CA	PSDNCA12	LOS ANGELES/LONG BEACH
CA	RESDCA01	LOS ANGELES/LONG BEACH
CA	RILTCA11	LOS ANGELES/LONG BEACH
CA	ROSMCA11	LOS ANGELES/LONG BEACH
CA	RSMGCA11	LOS ANGELES/LONG BEACH
CA	RVSDCA01	LOS ANGELES/LONG BEACH
CA	RVSDCA11	LOS ANGELES/LONG BEACH
CA	SAGSCA11	LOS ANGELES/LONG BEACH
CA	SGATCA01	LOS ANGELES/LONG BEACH
CA	SHOKCA01	LOS ANGELES/LONG BEACH
CA	SHOKCA02	LOS ANGELES/LONG BEACH
CA	SHOKCA04	LOS ANGELES/LONG BEACH
CA	SHOKCA05	LOS ANGELES/LONG BEACH
CA	SJCPCA12	LOS ANGELES/LONG BEACH
CA	SLMNCA11	LOS ANGELES/LONG BEACH
CA	SLVRCA11	LOS ANGELES/LONG BEACH
CA	SNANCA01	LOS ANGELES/LONG BEACH
CA	SNANCA11	LOS ANGELES/LONG BEACH
CA	SNANCA12	LOS ANGELES/LONG BEACH
CA	SNCLCA12	LOS ANGELES/LONG BEACH

State	Wire Center CLLI	MSA Name	
CA	SNGBCA01	LOS ANGELES/LONG BEACH	
CA	SNPDCA01	LOS ANGELES/LONG BEACH	
CA	SPSDCA11	LOS ANGELES/LONG BEACH	
CA	TRNCCA11	LOS ANGELES/LONG BEACH	
CA	TUSTCA11	LOS ANGELES/LONG BEACH	
CA	TUSTCA70	LOS ANGELES/LONG BEACH	
CA	VNNYCA02	LOS ANGELES/LONG BEACH	
CA	WLANCA01	LOS ANGELES/LONG BEACH	
CA	WLMGCA01	LOS ANGELES/LONG BEACH	
CA	YRLNCA11	LOS ANGELES/LONG BEACH	
CA	YRLNCA12	LOS ANGELES/LONG BEACH	
CA	ALBYCA11	SAN FRANCISCO/OAKLAND	(N)
CA	ALMDCA11	SAN FRANCISCO/OAKLAND	
CA	ANTCCA11	SAN FRANCISCO/OAKLAND	
CA	BKLYCA01	SAN FRANCISCO/OAKLAND	
CA	BRLNCA01	SAN FRANCISCO/OAKLAND	
CA	BRWDCA12	SAN FRANCISCO/OAKLAND	
CA	BSRNCA70	SAN FRANCISCO/OAKLAND	
CA	BTISCA11	SAN FRANCISCO/OAKLAND	
CA	CNCRCA01	SAN FRANCISCO/OAKLAND	
CA	COLACA01	SAN FRANCISCO/OAKLAND	
CA	CRCTCA02	SAN FRANCISCO/OAKLAND	
CA	CYTNCA11	SAN FRANCISCO/OAKLAND	
CA	DAVLCA12	SAN FRANCISCO/OAKLAND	
CA	DAVLCA13	SAN FRANCISCO/OAKLAND	
CA	ELSBCA11	SAN FRANCISCO/OAKLAND	
CA	FRMTCA11	SAN FRANCISCO/OAKLAND	
CA	FRMTCA12	SAN FRANCISCO/OAKLAND	
CA	HMBACA12	SAN FRANCISCO/OAKLAND	
CA	HRCLCA11	SAN FRANCISCO/OAKLAND	
CA	HYWRCA01	SAN FRANCISCO/OAKLAND	
CA	HYWRCA11	SAN FRANCISCO/OAKLAND	
CA	IGNCCA12	SAN FRANCISCO/OAKLAND	
CA	INVRCA11	SAN FRANCISCO/OAKLAND	
CA	LAHNCA11	SAN FRANCISCO/OAKLAND	
CA	LFYTCA11	SAN FRANCISCO/OAKLAND	
CA	LRKSCA11	SAN FRANCISCO/OAKLAND	
CA	LVMRCA11	SAN FRANCISCO/OAKLAND	
CA	MLBRCA11	SAN FRANCISCO/OAKLAND	
CA	MLVYCA01	SAN FRANCISCO/OAKLAND	
CA	MNPKCA11	SAN FRANCISCO/OAKLAND	
CA	MORGCA12	SAN FRANCISCO/OAKLAND	
CA	MRTZCA11	SAN FRANCISCO/OAKLAND	
CA	MSBHCA11	SAN FRANCISCO/OAKLAND	
CA	NICSCA11	SAN FRANCISCO/OAKLAND	
CA	OKLDCA03	SAN FRANCISCO/OAKLAND	
CA	OKLDCA04	SAN FRANCISCO/OAKLAND	
CA	OKLDCA11	SAN FRANCISCO/OAKLAND	
CA	OKLDCA12	SAN FRANCISCO/OAKLAND	(N)

Some material previously on this page now appears on Original Page 58.2.

State	Wire Center CLLI	MSA Name	
CA	OKLDCA13	SAN FRANCISCO/OAKLAND	(N)
CA	OKLYCA11	SAN FRANCISCO/OAKLAND	
CA	ORNDCA11	SAN FRANCISCO/OAKLAND	
CA	PCFCCA11	SAN FRANCISCO/OAKLAND	
CA	PLTNCA12	SAN FRANCISCO/OAKLAND	
CA	PLTNCA13	SAN FRANCISCO/OAKLAND	
CA	PRSNCA11	SAN FRANCISCO/OAKLAND	
CA	PSBGCA01	SAN FRANCISCO/OAKLAND	
CA	PSBGCA11	SAN FRANCISCO/OAKLAND	
CA	PSCDCA11	SAN FRANCISCO/OAKLAND	
CA	RCMDCA11	SAN FRANCISCO/OAKLAND	
CA	RDCYCA01	SAN FRANCISCO/OAKLAND	
CA	SNBUCA02	SAN FRANCISCO/OAKLAND	
CA	SNCRCA11	SAN FRANCISCO/OAKLAND	
CA	SNFCCA01	SAN FRANCISCO/OAKLAND	
CA	SNFCCA04	SAN FRANCISCO/OAKLAND	
CA	SNFCCA05	SAN FRANCISCO/OAKLAND	
CA	SNFCCA06	SAN FRANCISCO/OAKLAND	
CA	SNFCCA13	SAN FRANCISCO/OAKLAND	
CA	SNFCCA14	SAN FRANCISCO/OAKLAND	
CA	SNFCCA17	SAN FRANCISCO/OAKLAND	
CA	SNFCCA19	SAN FRANCISCO/OAKLAND	
CA	SNFCCA21	SAN FRANCISCO/OAKLAND	
CA	SNGNCA11	SAN FRANCISCO/OAKLAND	
CA	SNLNCA11	SAN FRANCISCO/OAKLAND	
CA	SNMTCA11	SAN FRANCISCO/OAKLAND	
CA	SNRFCA01	SAN FRANCISCO/OAKLAND	
CA	SNRFCA11	SAN FRANCISCO/OAKLAND	
CA	SNRMCA11	SAN FRANCISCO/OAKLAND	
CA	SSLTCA11	SAN FRANCISCO/OAKLAND	
CA	STBHCA11	SAN FRANCISCO/OAKLAND	
CA	SUNLCA11	SAN FRANCISCO/OAKLAND	
CA	TBRNCA11	SAN FRANCISCO/OAKLAND	
CA	TMLSCA12	SAN FRANCISCO/OAKLAND	
CA	UNCYCA11	SAN FRANCISCO/OAKLAND	
CA	WNCKCA11	SAN FRANCISCO/OAKLAND	(N)

State	Wire Center CLLI	MSA Name	
CA	LSATCA11	SAN JOSE	(M)
CA	MLPSCA11	SAN JOSE	
CA	MTVWCA11	SAN JOSE	
CA	PLALCA02	SAN JOSE	
CA	PLALCA12	SAN JOSE	
CA	SNJSCA02	SAN JOSE	
CA	SNJSCA11	SAN JOSE	
CA	SNJSCA12	SAN JOSE	
CA	SNJSCA13	SAN JOSE	
CA	SNJSCA14	SAN JOSE	
CA	SNJSCA15	SAN JOSE	
CA	SNJSCA18	SAN JOSE	
CA	SNJSCA21	SAN JOSE	
CA	SNJSCA22	SAN JOSE	
CA	SNMACA11	SAN JOSE	
CA	SNTCCA01	SAN JOSE	
CA	SNTCCA11	SAN JOSE	
CA	SNVACA01	SAN JOSE	
CA	SNVACA11	SAN JOSE	(M)

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