

**1. HIGH CAPACITY SERVICE****A. GENERAL**

Additional terms and conditions applicable to Special Access Services may be found in Part 2, Section 2.

All rates and charges may be adjusted at a later date.

The Channel Mileage rate is applicable when a High Capacity Service connects a customer designated premises to a Fast Packet Service and the customer serving wire center is not capable of providing the Fast Packet Service. The mileage will be measured from the customer serving wire center to the nearest wire center equipped with Fast Packet Services capabilities; this wire center may be in AT&T service territory.

The Channel Mileage rate is not applicable when a Primary Rate ISDN or SuperTrunk service connects a customer designated premises via a Company collocation arrangement to the Company's serving wire center.

**1. HIGH CAPACITY SERVICE****A. GENERAL**

Additional terms and conditions applicable to Special Access Services may be found in Part 2, Section 2.

All rates and charges may be adjusted at a later date.

The Channel Mileage rate is applicable when a High Capacity Service connects a customer designated premises to a Fast Packet Service and the customer serving wire center is not capable of providing the Fast Packet Service. The mileage will be measured from the customer serving wire center to the nearest wire center equipped with Fast Packet Services capabilities; this wire center may be in AT&T service territory.

The Channel Mileage rate is not applicable when a Primary Rate ISDN or SuperTrunk<sup>®</sup> service connects a customer designated premises via a Company collocation arrangement to the Company's serving wire center.

(C)

**1. HIGH CAPACITY SERVICE (cont'd)**

**E. OPTIONAL FEATURES AND FUNCTIONS (cont'd)**

**4. Central Office Multiplexing**

**- DS4 to DS1**

An arrangement that converts a 274.176 Mbps channel to 168 DS1 channels using digital time division multiplexing.

**- DS3 to DS1**

There are two options available with this feature.

**Option 1**

An arrangement that converts a 44.736 Mbps channel to 28 DS1 channels using digital time division multiplexing.

**Option 2**

An arrangement that converts a 44.736 Mbps channel to up to 28 channels for use with DS1 service when Network Reconfiguration Service is requested as set forth in **2. (Advanced Digital Network)**, following.

**- DS2 to DS1**

An arrangement that converts a 6.312 Mbps channel to four DS1 channels using digital time division multiplexing.

**- DS1C to DS**

An arrangement that converts a 3.152 Mbps channel to two DS1 channels using digital time division multiplexing.

**- DS1 to Voice**

An arrangement that converts a 1.544 Mbps channel to 24 channels for use with Voice Grade Services. A channel of this DS1 to the Hub can also be used for a Digital Data, Program Audio or Metallic Service.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		<u>USOC</u>
		<u>1st</u>	<u>Add'l.</u>	
1. CHANNEL TERMINATION				
- Per point of termination				
a. Non-Collocation/Collocation Schedule				
i. Non-Collocation				
1.544 Mbps (DS1) <sup>/2/</sup>				
<u>Month-to-Month</u>				
- at an End User location	\$220.00	\$633.50	NA <sup>/1/</sup>	TMECS
- at an IC POT location	95.00	633.50	NA <sup>/1/</sup>	TMEPS
<u>1-Year Rate Stability Plan</u>				
- at an End User location	205.00	633.50	NA <sup>/1/</sup>	FA1CP
- at an IC POT location	150.00	633.50	NA <sup>/1/</sup>	FA1PP
<u>3-Year Rate Stability Plan</u>				
- at an End User location	195.00	NO	NO	FA3CP
- at an IC POT location	195.00	NO	NO	FA3PP
<u>5-Year Rate Stability Plan</u>				
- at an End User location	180.00	NO	NO	FA5CP
- at an IC POT location	137.00	NO	NO	FA5PP

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1<sup>st</sup> charge.  
 /2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES

	Monthly Rate	Nonrecurring Charge	1st	Add'l	USOC
<b>1. CHANNEL TERMINATION</b>					
- Per point of termination					
a. Non-Collocation/Collocation Schedule					
i. Non-Collocation					
<u>1.544 Mbps (DS1)<sup>2/</sup></u>					
<u>Month-to-Month</u>					
- at an End User location	\$220.00	\$633.50	NA <sup>1/</sup>		TMECS
- at an IC POT location	95.00	633.50	NA <sup>1/</sup>		TMEPS
<u>1-Year Rate Stability Plan</u>					
- at an End User location	205.00	633.50	NA <sup>1/</sup>		FA1CP
- at an IC POT location	150.00	633.50	NA <sup>1/</sup>		FA1PP
<u>3-Year Rate Stability Plan</u>					
- at an End User location	195.00	NO	NO		FA3CP
- at an IC POT location	195.00	NO	NO		FA3PP
<u>5-Year Rate Stability Plan<sup>3/</sup></u>					
- at an End User location	180.00	NO	NO		FA5CP
- at an IC POT location	137.00	NO	NO		FA5PP

(C)

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ As of November 1, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers.

(N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		
		<u>1st</u>	<u>Add'l.</u>	<u>USOC</u>
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
a. Non-Collocation/Collocation Schedule (cont'd)				
ii. Collocation <sup>/3/</sup>				
<u>1.544 Mbps (DS1)<sup>/2/</sup></u>				
<u>Month-to-Month</u>				
- at an End User location	\$165.94	\$600.69	NA <sup>/1/</sup>	TMECS/TMECS
<u>1-Year Term Plan</u>				
- at an End User location	160.00	600.69	NA <sup>/1/</sup>	TMECS/T6XG1
<u>2-Year Term Plan</u>				
- at an End User location	155.00	NO	NO	TMECS/T6XG2
<u>3-Year Term Plan</u>				
- at an End User location	140.00	NO	NO	TMECS/T6XG3
<u>5-Year Term Plan</u>				
- at an End User location	130.00	NO	NO	TMECS/T6XG5

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1<sup>st</sup> charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ Available only in those central offices that are suitably equipped.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	Monthly Rate	Nonrecurring Charge		
		1st	Add'l	USOC
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
a. Non-Collocation/Collocation Schedule (cont'd)				
ii Collocation <sup>/3/</sup>				
1.544 Mbps (DS1) <sup>/2/</sup>				
<u>Month-to-Month</u>				
- at an End User location	\$165.94	\$600.69	NA <sup>/1/</sup>	TMECS/TMECS
<u>1-Year Term Plan</u>				
- at an End User location	160.00	600.69	NA <sup>/1/</sup>	TMECS/T6XG1
<u>2-Year Term Plan</u>				
- at an End User location	155.00	NO	NO	TMECS/T6XG2
<u>3-Year Term Plan</u>				
- at an End User location	140.00	NO	NO	TMECS/T6XG3
<u>5-Year Term Plan<sup>/4/</sup></u>				
- at an End User location	130.00	NO	NO	TMECS/T6XG5

(C)

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ Available only in those central offices that are suitably equipped.

/4/ As of November 1, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers (N) (N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>		
		<u>1st</u>	<u>Add'l.</u>	<u>USOC</u>
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
b. Transport for Collocation for Primary Rate ISDN, Primary Interface <sup>/3/</sup>				
<u>1.544 Mbps (DS1)<sup>/2/</sup></u>				
<u>Month-to-Month</u>				
- at an End User location	\$165.94	\$600.69	NA <sup>/1/</sup>	TMECS
<u>1-Year Term Plan</u>				
- at an End User Location	160.00	600.69	NA <sup>/1/</sup>	T6XG1
<u>2-Year Term Plan</u>				
- at an End User Location	155.00	NO	NA <sup>/1/</sup>	T6XG2
<u>3-Year Term Plan</u>				
- at an End User Location	140.00	NO	NA <sup>/1/</sup>	T6XG3
<u>5-Year Term Plan</u>				
- at an End User Location	130.00	NO	NA <sup>/1/</sup>	T6XG5

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ Available only in those central offices that are suitably equipped.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	Monthly Rate	Nonrecurring Charge		
		1st	Add'l	USOC
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
b. Transport for Collocation for Primary Rate ISDN, Primary Interface <sup>/3/</sup>				
1.544 Mbps (DS1) <sup>/2/</sup> <u>Month-to-Month</u>				
- at an End User location	\$165.94	\$600.69	NA <sup>/1/</sup>	TMECS
<u>1-Year Term Plan</u>				
- at an End User location	160.00	600.69	NA <sup>/1/</sup>	T6XG1
<u>2-Year Term Plan</u>				
- at an End User location	155.00	NO	NA <sup>/1/</sup>	T6XG2
<u>3-Year Term Plan</u>				
- at an End User location	140.00	NO	NA <sup>/1/</sup>	T6XG3
<u>5-Year Term Plan</u> <sup>/4/</sup>				
- at an End User location	130.00	NO	NA <sup>/1/</sup>	T6XG5

(C)

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ Available only in those central offices that are suitably equipped.

/4/ As of November 1, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers.

(N)  
(N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>			<u>USOC</u>
		<u>1st</u>	<u>Add'l.</u>		
1. CHANNEL TERMINATION (cont'd)					
- Per point of termination					
c. Transport for Collocation for SuperTrunk Service					
1.544 Mbps (DS1) <sup>/2</sup>					
<u>Month-to-Month</u>					
- at an End User location	\$165.94	\$600.69	NA <sup>/1</sup>		TMECS
<u>1-Year Term Plan</u>					
- at an End User Location	160.00	600.69	NA <sup>/1</sup>		T6XG1
<u>2-Year Term Plan</u>					
- at an End User Location	155.00	NO	NA <sup>/1</sup>		T6XG2
<u>3-Year Term Plan</u>					
- at an End User Location	140.00	NO	NA <sup>/1</sup>		T6XG3
<u>5-Year Term Plan</u>					
- at an End User Location	130.00	NO	NA <sup>/1</sup>		T6XG5

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>			<u>USOC</u>
		<u>1st</u>	<u>Add'l.</u>		
1. CHANNEL TERMINATION (cont'd)					
- Per point of termination					
c. Transport for Collocation for SuperTrunk® Service					(C)
1.544 Mbps (DS1) <sup>/2</sup>					
<u>Month-to-Month</u>					
- at an End User location	\$165.94	\$600.69	NA <sup>/1</sup>	TMECS	
<u>1-Year Term Plan</u>					
- at an End User Location	160.00	600.69	NA <sup>/1</sup>	T6XG1	
<u>2-Year Term Plan</u>					
- at an End User Location	155.00	NO	NA <sup>/1</sup>	T6XG2	
<u>3-Year Term Plan</u>					
- at an End User Location	140.00	NO	NA <sup>/1</sup>	T6XG3	
<u>5-Year Term Plan</u>					
- at an End User Location	130.00	NO	NA <sup>/1</sup>	T6XG5	

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	Monthly Rate	Nonrecurring Charge		
		1st	Add'l	USOC
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
c. Transport for Collocation for SuperTrunk® Service				
1.544 Mbps (DS1) <sup>2/</sup> <u>Month-to-Month</u>				
- at an End User location	\$165.94	\$600.69	NA <sup>1/</sup>	TMECS
<u>1-Year Term Plan</u>				
- at an End User location	160.00	600.69	NA <sup>1/</sup>	T6XG1
<u>2-Year Term Plan</u>				
- at an End User location	155.00	NO	NA <sup>1/</sup>	T6XG2
<u>3-Year Term Plan</u>				
- at an End User location	140.00	NO	NA <sup>1/</sup>	T6XG3
<u>5-Year Term Plan</u> <sup>3/</sup>				
- at an End User location	130.00	NO	NA <sup>1/</sup>	T6XG5

(C)

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	Monthly <u>Rate</u>	Nonrecurring Charge		
		<u>1st</u>	<u>Add'l</u>	<u>USOC</u>
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
c. Transport for Collocation for SuperTrunk® Service <sup>/4/</sup>				(C)
<u>1.544 Mbps (DS1)<sup>/2/</sup></u> <u>Month-to-Month</u>				
- at an End User location	\$165.94	\$600.69	NA <sup>/1/</sup>	TMECS
<u>1-Year Term Plan</u>				
- at an End User location	160.00	600.69	NA <sup>/1/</sup>	T6XG1
<u>2-Year Term Plan</u>				
- at an End User location	155.00	NO	NA <sup>/1/</sup>	T6XG2
<u>3-Year Term Plan</u>				
- at an End User location	140.00	NO	NA <sup>/1/</sup>	T6XG3
<u>5-Year Term Plan<sup>/3/</sup></u>				
- at an End User location	130.00	NO	NA <sup>/1/</sup>	T6XG5

/1/ For 1.544 Mbps service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ The Company will determine the transport facilities for the provisioning of 1.544 Mbps service.

/3/ As of November 1, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers.

/4/ Effective June 30, 2016, SuperTrunk Service is Grandfathered. See Part 20, Section 4.

(N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>		
		<u>1st</u>	<u>Add'l.</u>	
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
d. Fiber Advantage <sup>SM</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)				
ii. 3 Year Plan				
- Fiber Advantage <sup>SM</sup> DS3 with Terminal Equipment at an End User location	Z33AC TVJ8X	\$2,420.00	NO	
		3,500.00	NA	
- Fiber Advantage <sup>SM</sup> DS3 with Terminal Equipment at an IC POT location	Z33AP TVJ4X	1,980.00	NO	
		2,750.00	NA	
- Fiber Advantage <sup>SM</sup> DS3 without Terminal Equipment at an End User location	ZO3AC TVJ9X	1,760.00	NO	
		2,400.00	NA	
- Fiber Advantage <sup>SM</sup> DS3 without Terminal Equipment at an IC POT location	ZO3AP TVJ6X	1,375.00	NO	
		2,000.00	NA	

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

<u>USOC</u>	Nonrecurring <u>Monthly Rates</u>	<u>Charges</u>	
		<u>1st</u>	<u>Add'l.</u>
1. CHANNEL TERMINATION (cont'd)			
- Per point of termination			
d. Fiber Advantage <sup>SM</sup>			
DS3 and DS3x3 Rate Stability			
Payment Plan (cont'd)			
ii. 3 Year Plan (cont'd)			
- Fiber Advantage <sup>SM</sup>			
DS3x3 with Terminal			
Equipment at an End			
User location	Z33AC	ICB	NO
NA <sup>/1/</sup>			
- Fiber Advantage <sup>SM</sup>			
DS3x3 with Terminal			
Equipment at an IC POT			
location	Z33AP	ICB	NO
NA <sup>/1/</sup>			
- Fiber Advantage <sup>SM</sup>			
DS3x3 without Terminal			
Equipment at an End User			
location	Z03AC	ICB	NO
NA <sup>/1/</sup>			

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	
			<u>1st</u>	<u>Add'l.</u>
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
d. Fiber Advantage <sup>SM</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)				
ii. 3 Year Plan (cont'd)				
- Fiber Advantage <sup>SM</sup> DS3x3 without Terminal Equipment at an IC POT location	Z03AP	ICB	NO	NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x12 with Terminal Equipment at an End User location	Z23EE	ICB	NO	NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x12 with Terminal Equipment at an IC POT location	Z23AE	ICB	NO	NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> - DS3x12 without Terminal Equipment at an End User location	Z23EO	ICB	NO	NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x12 without Terminal Equipment at an IC POT location	Z23AO	ICB	NO	NA <sup>/1/</sup>

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>USOC</u>	Monthly Rates	Nonrecurring <u>Charges</u>	
			<u>1st</u>	<u>Add'l.</u>
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination				
d. Fiber Advantage <sup>SM</sup>				
DS3 and DS3x3 Rate Stability				
Payment Plan (cont'd)				
iii. 5 Year Plan				
- Fiber Advantage <sup>SM</sup>				
DS3 with Terminal				
Equipment at an				
End User location	Z35AC	ICB	NO	NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup>				
DS3 with Terminal				
Equipment at an				
IC POT location	Z35AP	ICB	NO	NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup>				
DS3 without Terminal				
Equipment at an End				
User location	Z05AC	ICB	NO	NA <sup>/1/</sup>

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
			<u>1st</u> <u>Add'l</u>
1. CHANNEL TERMINATION (cont'd)			
- Per point of termination			
d. Fiber Advantage <sup>sm</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)			
iii. 5 Year Plan <sup>/2/</sup>			(C)
- Fiber Advantage <sup>sm</sup> DS3 with Terminal Equipment at an End User location	Z35AC	ICB	NO      NA <sup>/1/</sup>
- Fiber Advantage <sup>sm</sup> DS3 with Terminal Equipment at an IC POT location	Z35AP	ICB	NO      NA <sup>/1/</sup>
- Fiber Advantage <sup>sm</sup> DS3 without Terminal Equipment at an End User location	Z05AC	ICB	NO      NA <sup>/1/</sup>

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

USOC	Nonrecurring Monthly Rates	Charges	
		1st	Add'l.
1. CHANNEL TERMINATION (cont'd)			
- Per point of termination			
d. Fiber Advantage <sup>SM</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)			
iii. 5 Year Plan (cont'd)			
- Fiber Advantage <sup>SM</sup> DS3 without Terminal Equipment at an IC POT location	Z05AP	ICB	NO    NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 with Terminal Equipment at an End User location	Z35AC	ICB	NO    NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 with Terminal Equipment at an IC POT location	Z35AP	ICB	NO    NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 without Terminal Equipment at an End User location	Z05AC	ICB	NO    NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 without Terminal Equipment at an IC POT location	Z05AP	ICB	NO    NA <sup>/1/</sup>

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
			<u>1st</u> <u>Add'l</u>
1. CHANNEL TERMINATION (cont'd)			
- Per point of termination			
d. Fiber Advantage <sup>SM</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)			
iii. 5 Year Plan <sup>2/</sup> (cont'd)			(C)
- Fiber Advantage <sup>SM</sup> DS3 without Terminal Equipment at an IC POT location	Z05AP	ICB	NO      NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 with Terminal Equipment at an End User location	Z35AC	ICB	NO      NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 with Terminal Equipment at an IC POT location	Z35AP	ICB	NO      NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 without Terminal Equipment at an End User location	Z05AC	ICB	NO      NA <sup>/1/</sup>
- Fiber Advantage <sup>SM</sup> DS3x3 without Terminal Equipment at an IC POT location	Z05AP	ICB	NO      NA <sup>/1/</sup>

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	Monthly Rate	Nonrecurring Charge		
		1st	Add'l.	USOC
1. CHANNEL TERMINATION (cont'd)				
- Per point of termination (cont'd)				
d. Fiber Advantage <sup>sm</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)				
iii. 5 Year Plan (cont'd)				
- Fiber Advantage DS3x12 with Terminal Equipment at an End User location	ICB	ICB	NA <sup>/1/</sup>	Z25EE
- Fiber Advantage DS3x12 with Terminal Equipment at an IC POT location	ICB	ICB	NA <sup>/1/</sup>	Z25AE
- Fiber Advantage DS3x12 without Terminal Equipment at an End User location	ICB	ICB	NA <sup>/1/</sup>	Z25EO
- Fiber Advantage DS3x12 without Terminal Equipment at an IC POT location	ICB	ICB	NA <sup>1</sup>	Z25AO

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

	Monthly <u>Rate</u>	Nonrecurring Charge			(C)
		<u>1st</u>	<u>Add'l</u>	<u>USOC</u>	
1. CHANNEL TERMINATION (cont'd)					
- Per point of termination					
d. Fiber Advantage <sup>sm</sup> DS3 and DS3x3 Rate Stability Payment Plan (cont'd)					
iii. 5 Year Plan <sup>/2/</sup> (cont'd)					
- Fiber Advantage DS3x12 with Terminal Equipment at an End User location	ICB	ICB	NA <sup>/1/</sup>	Z25EE	
- Fiber Advantage DS3x12 with Terminal Equipment at an IC POT location	ICB	ICB	NA <sup>/1/</sup>	Z25AE	
- Fiber Advantage DS3x12 without Terminal Equipment at an End User location	ICB	ICB	NA <sup>/1/</sup>	Z25EO	
- Fiber Advantage DS3x12 without Terminal Equipment at an IC POT location	ICB	ICB	NA <sup>/1/</sup>	Z25AO	

/1/ For DS3 service, the charge for each point of termination is the charge shown for the 1st charge.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N)  
or renewing subscribers. (N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

## 2. CHANNEL MILEAGE (cont'd)

		<u>Monthly Rates</u>	<u>USOC</u>
		<u>Fixed</u>	<u>CABS/CRIS</u>
a. 1.544 Mbps (cont'd)			
i. Mileage Bands (cont'd)			
Collocation			
- Month-to-month			
0	None	None	1L5XX/1L5XX
Over 0	\$118.53	\$23.71	1L5XX/1L5XX
- One Year Term Plan			
0	None	None	1L5XX/1L5X1
Over 0	\$105.00	\$20.00	1L5XX/1L5X1
- Two Year Term Plan			
0	None	None	1L5XX/1L5PS
Over 0	\$95.00	\$18.00	1L5XX/1L5PS
- Three Year Term Plan			
0	None	None	1L5XX/1L5X3
Over 0	\$85.00	\$17.00	1L5XX/1L5X3
- Five Year Term Plan			
0	None	None	1L5XX/1L5X5
Over 0	\$75.00	\$16.00	1L5XX/1L5X5

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

## 2. CHANNEL MILEAGE (cont'd)

## a. 1.544 Mbps (cont'd)

		Monthly Rates	USOC	
		Fixed	Per Mile	CABS/CRIS
i.	Mileage Bands (cont'd)			
	Collocation			
	- Month-to-month			
0		None	None	1L5XX/1L5XX
Over 0		\$118.53	\$23.71	1L5XX/1L5XX
	- One Year Term Plan			
0		None	None	1L5XX/1L5X1
Over 0		\$105.00	\$20.00	1L5XX/1L5X1
	- Two Year Term Plan			
0		None	None	1L5XX/1L5PS
Over 0		\$95.00	\$18.00	1L5XX/1L5PS
	- Three Year Term Plan			
0		None	None	1L5XX/1L5X3
Over 0		\$85.00	\$17.00	1L5XX/1L5X3
	- Five Year Term Plan <sup>/1</sup>			(C)
0		None	None	1L5XX/1L5X5
Over 0		\$75.00	\$16.00	1L5XX/1L5X5

/1/ As of November 1, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N) (N)

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

## 2. CHANNEL MILEAGE (cont'd)

b. Fiber Advantage<sup>SM</sup> 44.736 Mbps<sup>/1</sup>

		<u>Monthly Rates</u>		
		<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>
Mileage Bands				
- 1 Year Plan				
0		None	None	1L5XX
Over 0		\$ 833.00	\$66.00	1L5XX
	Monthly Extension Rate	1,075.00	85.00	1YA1X
- 3 Year Plan				
0		None	None	1L5X3
Over 0		675.00	44.00	1L5X3
	Monthly Extension Rate	1,075.00	85.00	1YA1X
- 5 Year Plan				
0		None	None	1L5X5
Over 0		650.00	44.00	1L5X5
	Monthly Extension Rate	1,075.00	85.00	1YA1X

/1/ If a customer chooses to order a DS3x3 service, the channel mileage applicable to that service would be three times the appropriate channel mileage rates.

## 1. HIGH CAPACITY SERVICE (cont'd)

## F. RATES AND CHARGES (cont'd)

## 2. CHANNEL MILEAGE (cont'd)

b. Fiber Advantage<sup>sm</sup> 44.736 Mbps<sup>/1/</sup>

Mileage Bands	Monthly Rates		
	<u>Fixed</u>	<u>Per Mile</u>	<u>USOC</u>
0	None	None	1L5XX
Over 0	\$ 833.00	\$66.00	1L5XX
Monthly Extension Rate	1,075.00	85.00	1YA1X
- 1 Year Plan			
0	None	None	1L5XX
Over 0	675.00	44.00	1L5XX
Monthly Extension Rate	1,075.00	85.00	1YA1X
- 3 Year Plan			
0	None	None	1L5X3
Over 0	650.00	44.00	1L5X3
Monthly Extension Rate	1,075.00	85.00	1YA1X
- 5 Year Plan <sup>/2/</sup>			
0	None	None	1L5X5
Over 0	650.00	44.00	1L5X5
Monthly Extension Rate	1,075.00	85.00	1YA1X

(C)

/1/ If a customer chooses to order a DS3x3 service, the channel mileage applicable to that service would be three times the appropriate channel mileage rates.

/2/ As of November 1, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N)

**1. HIGH CAPACITY SERVICE (cont'd)****F. RATES AND CHARGES (cont'd)**

## 3. OPTIONAL FEATURES AND FUNCTIONS (cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
b. Advanced Digital Network Interface Arrangement - per termination	MQO	\$115.50	NONE
c. Network Reconfiguration Service - per Fiber Advantage <sup>SM</sup> DS3 termination, per channel termination	CNND3	300.00	None

**2. ADVANCED DIGITAL NETWORK**

**GENERAL**

Additional terms and conditions applicable to Special Access Services may be found in Part 2, Section 2.

All rates and charges may be adjusted at a later date.

Advanced Digital Network may be terminated on a channel port of Access Advantage Plus as found in AT&T California Guidebook Part 6, Section 7.

**2. ADVANCED DIGITAL NETWORK**

**GENERAL**

***Service Availability***

Effective December 1, 2021, Advanced Digital Network (at fixed rates of 2.4, 4.8, 9.6, 19.2, 56.0, and 64.0 kbps) will no longer be available for purchase by new or existing customers. In addition, requests to move, add, change, or renew existing service arrangements will not be accepted.

(N)  
(N)

Additional terms and conditions applicable to Special Access Services may be found in Part 2, Section 2.

All rates and charges may be adjusted at a later date.

Advanced Digital Network may be terminated on a channel port of Access Advantage Plus as found in AT&T California Guidebook Part 6, Section 7.

**2. ADVANCED DIGITAL NETWORK (cont'd)****D. OPTIONAL FEATURES AND FUNCTIONS (cont'd)****3. Network Control and Diagnostics**

Network Control and Diagnostics will provide the ability for the customer to accomplish such tasks as monitoring and isolation testing.

Network Control and Diagnostics is only available with variable speed selection. All terminations in a circuit must be similarly equipped.

**4. Network Reconfiguration Service<sup>/1/</sup>**

Network Reconfiguration Service will allow the customer or AT&T technician to make changes in the individual circuit segments of their network. These changes can be mapped and stored, and executed automatically based on time of day, or the customer can make on demand changes based on disaster recovery or traffic smoothing requirements.

There are two alternatives that will allow a customer to access the circuits in their Network Reconfiguration Service database; (1) Client RAS or (2) Client VPN.

- a. Client RAS (Remote Administrator Software) is a dial-up configuration. Using a toll free 8XX number and a SecureID card, the NRS customer is allowed partitioned access to their NR database for the purpose of making changes within their ADN network.
- b. Client VPN (Virtual Private Networking) access can be granted to a customer who has dedicated Internet access. Utilizing specific software provided by the Company in addition to the SecureID card, the customer can access their NRS database for the purpose of making changes within their ADN network.

One rate element shall apply per DS0, DS1 or DS3 channel termination in the Digital Cross Connect machine.

<sup>/1/</sup> Applicable to 1.544 Mbps service set forth in 1. High Capacity Service, preceding.

**2. ADVANCED DIGITAL NETWORK (cont'd)****D. OPTIONAL FEATURES AND FUNCTIONS (cont'd)****4. Network Reconfiguration Service<sup>/1/</sup> (cont'd)**

In addition, the customer must separately order the transport service DS0, DS1, DS3 required to connect the customer designated premises to the Port location at a Company Serving Wire Center.

The customers may order terminations that terminate at the Digital Cross-Connect Switch as part of their overall end to end service.

All terminations on a circuit configuration for the customer's network to be capable of reconfiguration must be similarly equipped.

In each of the above alternatives the customer will supply the compatible Network Channel Terminating Equipment designated in Technical Reference PUB L-780036 at their premises. The Company will provide the Network Channel Terminating Equipment at the Company site.

The customer is responsible for assigning and maintaining a record of all reconfigurations and access. The customer also agrees to provide the Company with a central point of contact for inquiries, trouble reports and security management involving reconfiguration.

In addition to, and not limiting the other provisions contained in the Company's tariffs or Guidebooks, the Company will not be responsible for any damage, loss or harm to Advanced Digital Network customers, and/or other Company customers which results from customer and/or third party misuse, unauthorized use, abuse or error using Advanced Digital Network features and/or failure of the customer to adhere to the security policies, methods and tools associated with this product. Such policies, methods and tools will be provided by the Company to the customer.

<sup>/1/</sup> Applicable to 1.544 Mbps service set forth in 1. High Capacity Service, preceding.

**2. ADVANCED DIGITAL NETWORK (cont'd)****D. OPTIONAL FEATURES AND FUNCTIONS (cont'd)**

## 5. Advanced Digital Network Channel Interface

An Interface which provides an ADN channel to connect to a 1.544 Mbps multiplexer to be transported on a separate 1.544 Mbps service. One channel Interface shall apply per channel.

## 6. Central Office Multiplexing

An arrangement that converts a 56.0 kbps channel to subspeeds of up to twenty 2.4 kbps, ten 4.8 kbps, or five 9.6 kbps channels using digital time division multiplexing.<sup>/1/</sup>

7. Through-connect<sup>/1/</sup>

An arrangement that provides a customer the ability to connect two channels of two different 1.544 Mbps facilities terminating in the same digital cross-connect switch (DCS) in an ADN Hub. The two 1.544 Mbps facilities must be billed to the same customer. The customer must provide system and channel assignment data.

<sup>/1/</sup> Available only on a channel of a 1.544 Mbps facility to a Company ADN Hub. The Network Reconfiguration Service feature is not offered on this arrangement.

**2. ADVANCED DIGITAL NETWORK (cont'd)****E. RATES (cont'd)**

## 3. OPTIONAL FEATURES AND FUNCTIONS (cont'd)

	<u>USOC</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>
c. Network Reconfiguration Service			
- per Channel Termination			
- DSO	DFOCO	\$10.00	None
- DS1	DFOCO	40.00	None
- Per service arrangement			
- 4 DS0	DFOC4	12.50	None
- 6 DS0	DFOC6	15.00	None
- 8 DS0	DFOC8	17.50	None
- 12 DS0	DFOC1	20.00	None
- 24 DS0	DFOCO	40.00	None

**2. ADVANCED DIGITAL NETWORK (cont'd)****E. RATES (cont'd)**

## 3. OPTIONAL FEATURES AND FUNCTIONS (cont'd)

	<u>USOC</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>
c. Network Reconfiguration Service (cont'd)			
Network Reconfiguration Service Database			
- Per Customer database	FN6DD	\$120.00	\$2,400.00
Network Reconfiguration Service Access Arrangement			
- per Secure ID Card	RNQPA	120.00	None
d. Advanced Digital Network Channel Interface			
- per channel	MQQ	26.40	357.00
e. Central Office Multiplexing			
- Per arrangement			
- Up to 20 2.4 kbps services	QSU24	\$125.00	None
- Up to 10 4.8 kbps services	QSU48	125.00	None
- Up to 5 9.6 kbps services	QSU96	125.00	None
f. Through-connect, 64 kbps cross-connection			
- Per cross-connect	DFOTC	None	\$30.00

**3. OPTICAL CARRIER NETWORK (OCN) POINT-TO-POINT SERVICE (cont'd)****C. RATES AND CHARGES****1. OC-3/OC-3c****a. Channel Termination/Local Distribution Channel**

	<u>USOC</u>	<u>Monthly Rate</u>
3 Year Plan	TMECS	ICB
5 Year Plan	TMECS	ICB
Monthly Extension	TMECS	ICB

**b. Mileage/Interoffice Transport****i. Fixed**

	<u>CABS/CRIS</u>	
3 Year Plan		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB
5 Year Plan		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB
Monthly Extension		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB

**ii. Per Mile (Variable)****3 Year Plan**

0	NA	NA
Over 0	1L5XX/1L5XS	ICB

**5 Year Plan**

0	NA	NA
Over 0	1L5XX/1L5XS	ICB

**Monthly Extension**

0	NA	NA
Over 0	1L5XX/1L5XS	ICB

## 3. OPTICAL CARRIER NETWORK (OCN) POINT-TO-POINT SERVICE (cont'd)

## C. RATES AND CHARGES

## 1. OC-3/OC-3c

## a. Channel Termination/Local Distribution Channel

	<u>USOC</u>	<u>Monthly Rate</u>	
3 Year Plan	TMECS	ICB	
5 Year Plan <sup>/1/</sup>	TMECS	ICB	(C)
Monthly Extension	TMECS	ICB	

b. Mileage/Interoffice Transport CABS/CRIS

## i. Fixed

3 Year Plan			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	

5 Year Plan <sup>/1/</sup>			(C)
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	

## Monthly Extension

0	NA	NA
Over 0	1L5XX/1L5XS	ICB

## ii. Per Mile (Variable)

## 3 Year Plan

0	NA	NA
Over 0	1L5XX/1L5XS	ICB
5 Year Plan <sup>/1/</sup>		(C)

0	NA	NA
Over 0	1L5XX/1L5XS	ICB

## Monthly Extension

0	NA	NA
Over 0	1L5XX/1L5XS	ICB

/1/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

## 3. OPTICAL CARRIER NETWORK (OCN) POINT-TO-POINT SERVICE (cont'd)

## C. RATES AND CHARGES (cont'd)

## 1. OC-3/OC-3c (cont'd)

## c. Optional Features and Functions

i. OC-3 Add/Drop Multiplexing<sup>1</sup>

- per arrangement

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
3 Year Plan	MPECX	ICB	None
5 Year Plan	MPECX	ICB	None
Monthly Extension	MPECX	ICB	None
ii. Add/Drop Function			
- Per DS3	MXJBX	ICB	None
- Per DS1	MXJAX	ICB	None
- Per 1000BaseLX Ethernet Drop	MX4LX	ICB	None
iii. 1+1 Protection			
- per OC-3/OC-3c Channel Termination/ Local Distribution Channel	P8T	ICB	None
iv. 1+1 Protection with Cable Survivability			
- Per OC-3/OC-3c Channel Termination/ Local Distribution Channel	P3S	ICB	ICB

/1/ Multiplexing between two customer premises only available on speeds OC-3 and OC-12; concatenated services cannot be multiplexed.

## 3. OPTICAL CARRIER NETWORK (OCN) POINT-TO-POINT SERVICE (cont'd)

## C. RATES AND CHARGES (cont'd)

## 1. OC-3/OC-3c (cont'd)

## c. Optional Features and Functions

i. OC-3 Add/Drop Multiplexing<sup>/1</sup>

- per arrangement

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
3 Year Plan	MPECX	ICB	None
5 Year Plan <sup>/2</sup>	MPECX	ICB	None (C)
Monthly Extension	MPECX	ICB	None
ii. Add/Drop Function			
- Per DS3	MXJBX	ICB	None
- Per DS1	MXJAX	ICB	None
- Per 1000BaseLX Ethernet Drop	MX4LX	ICB	None
iii. 1+1 Protection			
- per OC-3/OC-3c Channel Termination/ Local Distribution Channel	P8T	ICB	None
iv. 1+1 Protection with Cable Survivability			
- Per OC-3/OC-3c Channel Termination/ Local Distribution Channel	P3S	ICB	ICB

/1/ Multiplexing between two customer premises only available on speeds OC-3 and OC-12;  
concatenated services cannot be multiplexed.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N)  
or renewing subscribers. (N)

**3. OPTICAL CARRIER NETWORK (OCN) POINT-TO-POINT SERVICE (cont'd)****C. RATES AND CHARGES (cont'd)**

## 1. OC-3/OC-3c (cont'd)

## c. Optional Features and Functions (cont'd)

## v. 1+1 Protection with Route Survivability

	<u>USOC</u>	Monthly Rate	Nonrecurring Charges
- Per OC-3/OC-3c Channel Termination/Local Distribution Channel	P8T	Apply P8T above plus Quarter mile rate following (P8T + S2DXY)	
- Per Quarter Route Mile	S2DXY	ICB	None

## vi. Shared Network Arrangement

	<u>USOC</u>	Monthly Rate	Nonrecurring Charges
- processing Charge per service order	NRBOP	None	ICB

vii. OCN Point to Point with Diversity OC-3<sup>1/</sup>

3 Year Plan	CPAPA	ICB	None
5 Year Plan	CPAPA	ICB	None
Monthly Extension	CPAPA	ICB	None

## viii. Ethernet Optical Collocation Cross-Connect - OC-3

Monthly	CCCA2	ICB	ICB
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/1/ The 1+1 Protection with Route Survivability Option as set forth in e. preceding is required for each end of the Diverse circuit.

## 3. OPTICAL CARRIER NETWORK (OCN) POINT-TO-POINT SERVICE (cont'd)

## C. RATES AND CHARGES (cont'd)

## 1. OC-3/OC-3c (cont'd)

## c. Optional Features and Functions (cont'd)

## v. 1+1 Protection with Route Survivability

	<u>USOC</u>	Monthly Rate	Nonrecurring Charges
- Per OC-3/OC-3c Channel Termination/Local Distribution Channel	P8T	Apply P8T above plus Quarter mile rate following (P8T + S2DXY)	
- Per Quarter Route Mile	S2DXY	ICB	None

## vi. Shared Network Arrangement

	<u>USOC</u>	Monthly Rate	Nonrecurring Charges
- processing Charge per service order	NRBOP	None	ICB

vii. OCN Point to Point with Diversity OC-3<sup>/1</sup>

3 Year Plan	CPAPA	ICB	None	
5 Year Plan <sup>/2</sup>	CPAPA	ICB	None	(C)
Monthly Extension	CPAPA	ICB	None	

viii. Ethernet Optical Collocation  
Cross-Connect - OC-3

Monthly	CCCA2	ICB	ICB
---------	-------	-----	-----

/1/ The 1+1 Protection with Route Survivability Option as set forth in e. preceding is required for each end of the Diverse circuit.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

## 3. OPTICAL CARRIER NETWORK (OCN) POINT TO POINT SERVICE (cont'd)

## C. RATES AND CHARGES (cont'd)

## 2. OC-12/OC-12c

## a. Channel Termination/Local Distribution Channel

## i. per Point of Termination

	USOC CABS/CRIS	Monthly Rate
3 Year Plan	TMECS	ICB
5 Year Plan	TMECS	ICB
Monthly Extension	TMECS	ICB

## b. Mileage/Interoffice Transport

## i. Fixed

3 Year Plan		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB
5 Year Plan		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB
Monthly Extension		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB

## ii. Per Mile

3 Year Plan		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB
5 Year Plan		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB
Monthly Extension		
0	NA	NA
Over 0	1L5XX/1L5XS	ICB

## 3. OPTICAL CARRIER NETWORK (OCN) POINT TO POINT SERVICE (cont'd)

## C. RATES AND CHARGES (cont'd)

## 2. OC-12/OC-12c

## a. Channel Termination/Local Distribution Channel

## i. per Point of Termination

	USOC CABS/CRIS	Monthly Rate	
3 Year Plan	TMECS	ICB	
5 Year Plan <sup>/1/</sup>	TMECS	ICB	(C)
Monthly Extension	TMECS	ICB	

## b. Mileage/Interoffice Transport

## i. Fixed

3 Year Plan			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	
5 Year Plan <sup>/1/</sup>			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	(C)
Monthly Extension			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	

## ii. Per Mile

3 Year Plan			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	
5 Year Plan <sup>/1/</sup>			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	(C)
Monthly Extension			
0	NA	NA	
Over 0	1L5XX/1L5XS	ICB	

/1/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

**3. OPTICAL CARRIER NETWORK (OCN) POINT TO POINT SERVICE (cont'd)****C. RATES AND CHARGES (cont'd)**

## 2. OC-12/OC-12c (cont'd)

## c. Optional Features and Functions

i. OC-12/OC-12c Add/Drop Multiplexing<sup>/1/</sup>

- per arrangement

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
3 Year Plan	MPEDX	ICB	None
5 Year Plan	MPEDX	ICB	None
Monthly Extension	MPEDX	ICB	None

## ii. Add/Drop Function

- per OC-3	MXJCX	ICB	None
- per DS-3	MXJBX	ICB	None
- per 1000BaseLX Ethernet drop	MX4LX	ICB	None

## iii. 1+1 Protection

- per OC-12/OC-12c Channel Termination/ Local Distribution Channel	P8T	ICB	None
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<sup>/1/</sup> Multiplexing between two customer premises only available on speeds OC-3 and OC-12; concatenated services cannot be multiplexed.

**3. OPTICAL CARRIER NETWORK (OCN) POINT TO POINT SERVICE (cont'd)****C. RATES AND CHARGES (cont'd)**

## 2. OC-12/OC-12c (cont'd)

## c. Optional Features and Functions

i. OC-12/OC-12c Add/Drop Multiplexing<sup>/1/</sup>

- per arrangement

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
3 Year Plan	MPEDX	ICB	None
5 Year Plan <sup>/2/</sup>	MPEDX	ICB	None (C)
Monthly Extension	MPEDX	ICB	None

## ii. Add/Drop Function

- per OC-3	MXJCX	ICB	None
- per DS-3	MXJBX	ICB	None
- per 1000BaseLX Ethernet drop	MX4LX	ICB	None

## iii. 1+1 Protection

- per OC-12/OC-12c Channel Termination/ Local Distribution Channel	P8T	ICB	None
---	-----	-----	------

/1/ Multiplexing between two customer premises only available on speeds OC-3 and OC-12; concatenated services cannot be multiplexed.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new (N) or renewing subscribers. (N)

**3. OPTICAL CARRIER NETWORK (OCN) POINT TO POINT SERVICE (cont'd)****C. RATES AND CHARGES (cont'd)**

## 2. OC-12/OC-12c (cont'd)

## c. Optional Features and Functions (cont'd)

## vi. Shared Network Arrangement

<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
-------------	---------------------	-----------------------------

- processing Charge per service order	NRBOP	None	ICB
---------------------------------------	-------	------	-----

vii. OCN Point to Point with Diversity OC-12<sup>/1</sup>

3 Year Plan	CPAPB	ICB	None
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5 Year Plan	CPAPB	ICB	None
-------------	-------	-----	------

Monthly Extension	CPAPB	ICB	None
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viii. Ethernet Optical Collocation  
Cross-Connect - OC-12

Monthly	CCCA2	ICB	ICB
---------	-------	-----	-----

/1/ The 1+1 Protection with Route Survivability Option as set forth in e. preceding is required for each end of the Diverse circuit.

## 3. OPTICAL CARRIER NETWORK (OCN) POINT TO POINT SERVICE (cont'd)

## C. RATES AND CHARGES (cont'd)

## 2. OC-12/OC-12c (cont'd)

## c. Optional Features and Functions (cont'd)

## vi. Shared Network Arrangement

	<u>USOC</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>
- processing Charge per service order	NRBOP	None	ICB

vii. OCN Point to Point with Diversity OC-12<sup>/1</sup>

3 Year Plan	CPAPB	ICB	None
5 Year Plan <sup>/2</sup>	CPAPB	ICB	None (C)
Monthly Extension	CPAPB	ICB	None

viii. Ethernet Optical Collocation  
Cross-Connect - OC-12

Monthly	CCCA2	ICB	ICB
---------	-------	-----	-----

/1/ The 1+1 Protection with Route Survability Option as set forth in e. preceding is required for each end of the Diverse circuit.

/2/ As of August 30, 2013, Term Pricing Plan terms greater than 36 months are no longer available for new or renewing subscribers. (N) (N)

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE**

**A. GENERAL**

Additional terms and conditions applicable to Special Access Services may be found in Part 2, Section 2.

All rates and charges may be adjusted at a later date.

OC-3, OC-12, OC-48 dedicated SONET Ring Service is available at the listed rates in this Guidebook where facilities and operating conditions permit. Where facilities can only be provided as a Special Construction offering, Special Construction charges as set forth in Part 2, Section 5, on an Individual Case Basis (ICB), will apply.

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE*****Service Availability***

Effective December 1, 2021, neither new nor existing customers will be permitted to purchase new OC-3, OC-12, OC-48 Dedicated SONET Ring Service ("Service"). In addition, (A) Service Term Pricing Plans greater than 12-months in length will no longer be available; and (B) requests to move, add, change, upgrade, or downgrade existing Service arrangements will not be accepted, with the following exceptions: (1) existing 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 any locations; (2) any such new circuits will be subject to the customer's existing term payment plan or term agreement for the Service to which they are added. Following the expiration of a customer's existing term agreement, Service will be provided on a month-to-month basis at the applicable Monthly Extension rates until the Service is discontinued.

Effective November 30, 2023, unless specified to the contrary in their existing Service agreements, existing customers may not renew Term Pricing Plans or term agreements for Service. In addition, no move, add, or change orders of any type will be accepted.

(N)

(N)

**A. GENERAL**

Additional terms and conditions applicable to Special Access Services may be found in Part 2, Section 2.

All rates and charges may be adjusted at a later date.

OC-3, OC-12, OC-48 dedicated SONET Ring Service is available at the listed rates in this Guidebook where facilities and operating conditions permit. Where facilities can only be provided as a Special Construction offering, Special Construction charges as set forth in Part 2, Section 5, on an Individual Case Basis (ICB), will apply.

**4. OC-3, OC-12 AND OC-48 DEDICATED SONET RING SERVICE (cont'd)****B. BASIC SERVICE DESCRIPTION (cont'd)**

## 1. Nodes

Customers Premises Nodes and Central Office Nodes

Nodes aggregate lower bandwidth capacities onto the ring through use of the SONET add/drop multiplexer function. The CO Node is located in the Company SWC; the Premises Node, at the customer's location. For ring nodes bandwidth capacities are 155 Mbps (OC-3), 622 Mbps (OC-12), and 2.4 Gbps (OC-48). A Ring must have a minimum of two nodes, excluding sub-rings and ARC sub-rings. One node must be located in the Company SWC. A maximum of 16 nodes including regenerators will be allowed per ring.

When a customer premises node is located in the same building as a CO Node, diversity between the two nodes may not be available.

Additional Node

If a customer requests and has installed two customer premises nodes of the same speed, on the same dedicated ring, at the same customer premises location, the additional node will be billed rates and charges as set forth in **E.**, following. The lower rate does not qualify when the additional node is located in another room or building from the first node. This option does not guarantee diversity between these two nodes and the rest of the ring.

Re-Map Node

A Re-Map node is a customer premises ring node that is pre-equipped and dedicated to the SONET Ring customer's traffic which is re-mapped/re-routed to the Re-Map Node by the Company upon notification by the customer of a service outage at another customer premises node on the same dedicated ring. Re-Map is designed as a temporary service for disaster recovery purposes only. No "normal" customer traffic will be added/dropped at the Re-Map node unless the Re-Map service is activated.

An OC-12 or OC-48 Ring utilizing Re-Map requires an OC-3 or OC-3c Re-Map port and DS1 Re-Map Add/Drop Capability to support DS1 port types (an OC-3 or OC-3c Re-Map port and DS1 Re-Map Add/Drop Capability supports up to 84 DS1's).

The emergency Re-Map activation configuration will be maintained for up to 30 days after which, if the customer requests to continue the use of the Re-Mapped configuration, the emergency activation Nonrecurring charge as set forth in **E.**, following will be applied once for each 30-day additional period.

**4. OC-3, OC-12 AND OC-48 DEDICATED SONET RING SERVICE (cont'd)****B. BASIC SERVICE DESCRIPTION (cont'd)****1. Nodes (cont'd)****Re-Map Node (cont'd)**

Upon notification from the customer that they are ready to receive signals at the Re-Map node site the Company will Re-Map up to 50 lower bit rate transmission services within the initial four hours and 20 lower bit rate transmission services every hour thereafter. The emergency activation nonrecurring charges as set forth in **E.7.**, following, will not be applied if the first 50 lower bit rate transmission services are not re-mapped within four hours due to a Company caused delay.

Re-Map testing or activation for OC-3 requires a minimum of one DS1 (VT1.5) or one DS3 (STS-1) between one customer premises node and the Re-Map node.

Re-Map testing or activation for OC-12 or OC-48 service requires a minimum incremental group from one to 28 or one DS3 (equals one STS-1) between one customer premises node and the Re-Map node.

OC-48 Dedicated SONET Ring is available via Self-Healing Uni-Directional Path Switched Ring or Self-Healing Bi-Directional Line Switched Ring. Re-Map is currently not offered on a Bi-Directional Line Switched Ring.

Re-Map testing or activation of OC-12 or OC-48 Dedicated SONET Ring service requires a minimum incremental group from one to 28 DS1s or one DS3 (equals STS-1) between one customer's premises node and the Re-Map node.

**Flex Ring Node**

Flex-Ring feature provides a second independent ring equal to the line rate (bandwidth) of the first ring, located on the same shelf on the same node(s) as the first ring.

Flex Ring Node allows a single customer the ability to add an additional ring of the same line rate. A Flex Ring Node is applicable to only one end user customer and the Flex Ring customer must be the same customer of record for the Dedicated SONET Ring. Flex Ring Node is offered on an OC-12 and OC-48 Dedicated SONET Ring and is limited to two rings (a primary and a secondary ring) per Flex Ring arranged. This feature will provide two rings from the same shelf.

A customer with the Flex Ring option must maintain equal parity on both rings (Primary and Flex). If the customer chooses to add or remove nodes from either Ring in the Flex ring option, but not on both rings, the customer forfeits the Flex Ring option and must purchase two separate Dedicated SONET Rings, and the Flex Ring option will be removed.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES

## 1. NODE

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
a. OC-3 - Per Node		
i. Customer Premises Node - first		
36 month	FP5CX/FP5CX	ICB
60 month	FP5CX/FP5CX	ICB
Monthly Extension	FP5CX/FP5CX	ICB
ii. Customer Premises Node - additional		
36 month	FP5CA/FP5CA	ICB
60 month	FP5CA/FP5CA	ICB
Monthly Extension	FP5CA/FP5CA	ICB
iii. Central Office Node		
36 month	FC5CX/FC5CX	ICB
60 month	FC5CX/FC5CX	ICB
Monthly Extension	FC5CX/FC5CX	ICB
iv. Customer Premises Node - First Re-Map at OC-3 Node <sup>/1</sup>		
36 Month	RN8CX/RN8CX	ICB
60 Month	RN8CX/RN8CX	ICB
Monthly Extension	RN8CX/RN8CX	ICB
v. Customer Premises Node - Additional Re-Map at OC-3 Node <sup>/1</sup>		
36 Month	RN8CA/RN8CA	ICB
60 Month	RN8CA/RN8CA	ICB
Monthly Extension	RN8CA/RN8CA	ICB

/1/ Re-Map Node offered as Customer Premises Node only.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES

## 1. NODE

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
a. OC-3 - Per Node		
i. Customer Premises Node - first		
36 month	FP5CX/FP5CX	ICB
60 month	FP5CX/FP5CX	ICB
Monthly Extension	FP5CX/FP5CX	ICB
ii. Customer Premises Node - additional		
36 month	FP5CA/FP5CA	ICB
60 month	FP5CA/FP5CA	ICB
Monthly Extension	FP5CA/FP5CA	ICB
iii. Central Office Node		
36 month	FC5CX/FC5CX	ICB
60 month	FC5CX/FC5CX	ICB
Monthly Extension	FC5CX/FC5CX	ICB

(D)

(D)

(D)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES

## 1. Node

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
a. OC-3 - Per Node			
Customer Premises Node - first			(C)
12 month	FP5CX/FP5CX	ICB	(N)
36 month <sup>/1/</sup>	FP5CX/FP5CX	ICB	(C)
60 month <sup>/1/</sup>	FP5CX/FP5CX	ICB	(C)
Monthly Extension	FP5CX/FP5CX	ICB	
Customer Premises Node - additional			(C)
12 month	FP5CA/FP5CA	ICB	(N)
36 month <sup>/1/</sup>	FP5CA/FP5CA	ICB	(C)
60 month <sup>/1/</sup>	FP5CA/FP5CA	ICB	(C)
Monthly Extension	FP5CA/FP5CA	ICB	
Central Office Node			(C)
12 month	FC5CX/FC5CX	ICB	(N)
36 month <sup>/1/</sup>	FC5CX/FC5CX	ICB	(C)
60 month <sup>/1/</sup>	FC5CX/FC5CX	ICB	(C)
Monthly Extension	FC5CX/FC5CX	ICB	

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. NODE (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
b. OC-12 - Per Node		
i. Customer Premises Node - first		
36 month	FP5DX/FP5DX	ICB
60 month	FP5DX/FP5DX	ICB
Monthly Extension	FP5DX/FP5DX	ICB
ii. Customer Premises Node - additional		
36 month	FP5DA/FP5DA	ICB
60 month	FP5DA/FP5DA	ICB
Monthly Extension	FP5DA/FP5DA	ICB
iii. Central Office Node		
36 month	FC5DX/FC5DX	ICB
60 month	FC5DX/FC5DX	ICB
Monthly Extension	FC5DX/FC5DX	ICB
iv. Customer Premises Node <sup>/1/</sup> - First Re-Map at OC-12 Node		
36 Month	RN8DX/RN8DX	ICB
60 Month	RN8DX/RN8DX	ICB
Monthly Extension	RN8DX/RN8DX	ICB
v. Customer Premises Node <sup>/1/</sup> - Additional Re-Map at OC-12 Node		
36 Month	RN8DA/RN8DA	ICB
60 Month	RN8DA/RN8DA	ICB
Monthly Extension	RN8DA/RN8DA	ICB

/1/ Re-Map Node offered as Customer Premises Node only.

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)**

## 1. NODE (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
b. OC-12 - Per Node		
i. Customer Premises Node - first		
36 month	FP5DX/FP5DX	ICB
60 month	FP5DX/FP5DX	ICB
Monthly Extension	FP5DX/FP5DX	ICB
ii. Customer Premises Node - additional		
36 month	FP5DA/FP5DA	ICB
60 month	FP5DA/FP5DA	ICB
Monthly Extension	FP5DA/FP5DA	ICB
iii. Central Office Node		
36 month	FC5DX/FC5DX	ICB
60 month	FC5DX/FC5DX	ICB
Monthly Extension	FC5DX/FC5DX	ICB

(D)

(D)

(D)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. Node (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
b. OC-12 - Per Node			
Customer Premises Node - first			(C)
12 month	FP5DX/FP5DX	ICB	(N)
36 month <sup>1/</sup>	FP5DX/FP5DX	ICB	(C)
60 month <sup>1/</sup>	FP5DX/FP5DX	ICB	(C)
Monthly Extension	FP5DX/FP5DX	ICB	
Customer Premises Node - additional			(C)
12 month	FP5DA/FP5DA	ICB	(N)
36 month <sup>1/</sup>	FP5DA/FP5DA	ICB	(C)
60 month <sup>1/</sup>	FP5DA/FP5DA	ICB	(C)
Monthly Extension	FP5DA/FP5DA	ICB	
Central Office Node			(C)
12 month	FC5DX/FC5DX	ICB	(N)
36 month <sup>1/</sup>	FC5DX/FC5DX	ICB	(C)
60 month <sup>1/</sup>	FC5DX/FC5DX	ICB	(C)
Monthly Extension	FC5DX/FC5DX	ICB	

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. NODE (cCont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
c. OC-48 - Per Node		
i. Customer Premises Node - first		
36 month	FP5EX/FP5EX	ICB
60 month	FP5EX/FP5EX	ICB
Monthly Extension	FP5EX/FP5EX	ICB
ii. Customer Premises Node - additional		
36 month	FP5EA/FP5EA	ICB
60 month	FP5EA/FP5EA	ICB
Monthly Extension	FP5EA/FP5EA	ICB
iii. Central Office Node		
36 month	FC5EX/FC5EX	ICB
60 month	FC5EX/FC5EX	ICB
Monthly Extension	FC5EX/FC5EX	ICB
iv. Customer Premises Node <sup>/1</sup> First Re-Map at OC-48 Node		
36 Month	RN8EX/RN8EX	ICB
60 Month	RN8EX/RN8EX	ICB
Monthly Extension	RN8EX/RN8EX	ICB
v. Customer Premises Node <sup>/1</sup> Additional Re-Map at OC-48 Node		
36 Month	RN8EA/RN8EA	ICB
60 Month	RN8EA/RN8EA	ICB
Monthly Extension	RN8EA/RN8EA	ICB

/1/ Re-Map Node offered as Customer Premises Node only.

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)**

## 1. NODE (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
c. OC-48 - Per Node		
i. Customer Premises Node - first		
36 month	FP5EX/FP5EX	ICB
60 month	FP5EX/FP5EX	ICB
Monthly Extension	FP5EX/FP5EX	ICB
ii. Customer Premises Node - additional		
36 month	FP5EA/FP5EA	ICB
60 month	FP5EA/FP5EA	ICB
Monthly Extension	FP5EA/FP5EA	ICB
iii. Central Office Node		
36 month	FC5EX/FC5EX	ICB
60 month	FC5EX/FC5EX	ICB
Monthly Extension	FC5EX/FC5EX	ICB

(D)

(D)

(D)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. Node (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
c. OC-48 - Per Node			
Customer Premises Node - first			(C)
12 month	FP5EX/FP5EX	ICB	(N)
36 month <sup>1/</sup>	FP5EX/FP5EX	ICB	(C)
60 month <sup>1/</sup>	FP5EX/FP5EX	ICB	(C)
Monthly Extension	FP5EX/FP5EX	ICB	
Customer Premises Node - additional			(C)
12 month	FP5EA/FP5EA	ICB	(N)
36 month <sup>1/</sup>	FP5EA/FP5EA	ICB	(C)
60 month <sup>1/</sup>	FP5EA/FP5EA	ICB	(C)
Monthly Extension	FP5EA/FP5EA	ICB	
Central Office Node			(C)
12 month	FC5EX/FC5EX	ICB	(N)
36 month <sup>1/</sup>	FC5EX/FC5EX	ICB	(C)
60 month <sup>1/</sup>	FC5EX/FC5EX	ICB	(C)
Monthly Extension	FC5EX/FC5EX	ICB	

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. NODE (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
d. Flex Ring Nodes		
i. <u>OC-12</u>		
(a) <u>Central Office Node - for</u> <u>Second Ring on existing SONET Shelf</u>		
36 month	GC5FX/GC5FX	ICB
60 month	GC5FX/GC5FX	ICB
Monthly Extension	GC5FX/GC5FX	ICB
(b) <u>Customer Prem Node - for</u> <u>Second Ring on existing SONET Shelf</u>		
36 month	GP5FX/GP5FX	ICB
60 month	GP5FX/GP5FX	ICB
Monthly Extension	GP5FX/GP5FX	ICB
ii. <u>OC-48</u>		
(a) <u>Central Office Node - for</u> <u>Second Ring on existing SONET shelf</u>		
36 month	GC5GX/GC5GX	ICB
60 month	GC5GX/GC5GX	ICB
Monthly Extension	GC5GX/GC5GX	ICB
(b) <u>Customer Prem Node - for</u> <u>Second Ring on existing SONET shelf</u>		
36 month	GP5GX/GP5GX	ICB
60 month	GP5GX/GP5CX	ICB
Monthly Extension	GP5GX/GP5GX	ICB

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. Node (cont'd)

	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>	
d. Flex Ring Node			
- For Second Ring on existing SONET Shelf			(C)
OC-12			(C)
Central Office Node			(C)
12 month	GC5FX/GC5FX	ICB	(N)
36 month <sup>/1/</sup>	GC5FX/GC5FX	ICB	(C)
60 month <sup>/1/</sup>	GC5FX/GC5FX	ICB	(C)
Monthly Extension	GC5FX/GC5FX	ICB	
Customer Prem Node			(C)
12 month	GP5FX/GP5FX	ICB	(N)
36 month <sup>/1/</sup>	GP5FX/GP5FX	ICB	(C)
60 month <sup>/1/</sup>	GP5FX/GP5FX	ICB	(C)
Monthly Extension	GP5FX/GP5FX	ICB	
OC-48			(C)
Central Office Node			(C)
12 month	GC5GX/GC5GX	ICB	(N)
36 month <sup>/1/</sup>	GC5GX/GC5GX	ICB	(C)
60 month <sup>/1/</sup>	GC5GX/GC5GX	ICB	(C)
Monthly Extension	GC5GX/GC5GX	ICB	
Customer Prem Node			(C)
12 month	GP5GX/GP5GX	ICB	(N)
36 month <sup>/1/</sup>	GP5GX/GP5GX	ICB	(C)
60 month <sup>/1/</sup>	GP5GX/GP5GX	ICB	(C)
Monthly Extension	GP5GX/GP5GX	ICB	

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. NODE (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
e. Transmux		
i. DS3 Port with Transmux - per port on OC-3, OC-12		
36 Month	S4NGX/S4NGX	ICB
60 Month	S4NGX/S4NGX	ICB
Monthly Extension	S4NGX/S4NGX	ICB
ii. DS3 Port with Transmux - per port on OC-48		
36 Month	S4NGX/S4NGX	ICB
60 Month	S4NGX/S4NGX	ICB
Monthly Extension	S4NGX/S4NGX	ICB
iii. DS3 Re-Map Port with Transmux - per port on OC-3, OC-12		
36 Month	P8RBX/RN7TX	ICB
60 Month	P8RBX/RN7TX	ICB
Monthly Extension	P8RBX/RN7TX	ICB
iv. DS3 Re-Map Port with Transmux - per port on OC-48		
36 Month	P8RKX/RN7TX	ICB
60 Month	P8RKX/RN7TX	ICB
Monthly Extension	P8RKX/RN7TX	ICB
2. OC-48 ADD/DROP CAPABILITY		
a. Per arrangement		
36 month	MPEFX/MPEFX	ICB
60 month	MPEFX/MPEFX	ICB
Monthly Extension	MPEFX/MPEFX	ICB
Re-Map		
36 month	M8RFX/M8RFX	ICB
60 month	M8RFX/M8RFX	ICB
Monthly Extension	M8RFX/M8RFX	ICB

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. NODE (cont'd)

	<u>USOC CABS/CRIS</u>	<u>Monthly Rate</u>
e. Transmux		
i. DS3 Port with Transmux - per port on OC-3, OC-12		
36 Month	S4NGX/S4NGX	ICB
60 Month	S4NGX/S4NGX	ICB
Monthly Extension	S4NGX/S4NGX	ICB
ii. DS3 Port with Transmux - per port on OC-48		
36 Month	S4NGX/S4NGX	ICB
60 Month	S4NGX/S4NGX	ICB
Monthly Extension	S4NGX/S4NGX	ICB

(D)

(D)

## 2. OC-48 ADD/DROP CAPABILITY

## a. Per arrangement

36 month	MPEFX/MPEFX	ICB
60 month	MPEFX/MPEFX	ICB
Monthly Extension	MPEFX/MPEFX	ICB

(D)

(D)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 1. Node (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
e. Transmux			
- DS3 Port with Transmux – per port on ...			(C)
OC-3, OC-12			(C)
12 month	S4NGX/S4NGX	ICB	(N)
36 month <sup>/1/</sup>	S4NGX/S4NGX	ICB	(C)
60 month <sup>/1/</sup>	S4NGX/S4NGX	ICB	(C)
Monthly Extension	S4NGX/S4NGX	ICB	
OC-48			(C)
12 month	S4NGX/S4NGX	ICB	(N)
36 month <sup>/1/</sup>	S4NGX/S4NGX	ICB	(C)
60 month <sup>/1/</sup>	S4NGX/S4NGX	ICB	(C)
Monthly Extension	S4NGX/S4NGX	ICB	
2. OC-48 Add/Drop Capability			
- per arrangement			(C)
12 month	MPEFX/MPEFX	ICB	(N)
36 month <sup>/1/</sup>	MPEFX/MPEFX	ICB	(C)
60 month <sup>/1/</sup>	MPEFX/MPEFX	ICB	(C)
Monthly Extension	MPEFX/MPEFX	ICB	

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available (N)  
for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (Cont'd)

## E. RATES AND CHARGES (Cont'd)

## 3. PORTS

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
a. Per port - at OC-3 Node (excluding Re-Map)		
i. 1.544 Mbps (DS1) at OC-3 Node		
36 Month	SPRAX/SPRAX	ICB
60 Month	SPRAX/SPRAX	ICB
Monthly Extension	SPRAX/SPRAX	ICB
ii. 45 Mbps (DS3) at OC-3 Node		
36 Month	SPRBX/SPRBX	ICB
60 Month	SPRBX/SPRBX	ICB
Monthly Extension	SPRBX/SPRBX	ICB
iii. 100 Mbps Ethernet (STS-1) at OC-3 Node		
36 Month	S9TAX/S9TAX	ICB
60 Month	S9TAX/S9TAX	ICB
Monthly Extension	S9TAX/S9TAX	ICB
iv. EC-1 Re-Map Port <sup>/1</sup> at OC-3 Node		
36 Month	S9N6X/S9N6X	ICB
60 Month	S9N6X/S9N6X	ICB
Monthly Extension	S9N6X/S9N6X	ICB
v. EC-1 Port <sup>/1</sup> at OC-3 Node		
36 Month	S4NHX/S4NHX	ICB
60 Month	S4NHX/S4NHX	ICB
Monthly Extension	S4NHX/S4NHX	ICB

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
a. Per port - at OC-3 Node		(D)
i. 1.544 Mbps (DS1) at OC-3 Node		
36 Month	SPRAX/SPRAX	ICB
60 Month	SPRAX/SPRAX	ICB
Monthly Extension	SPRAX/SPRAX	ICB
ii. 45 Mbps (DS3) at OC-3 Node		
36 Month	SPRBX/SPRBX	ICB
60 Month	SPRBX/SPRBX	ICB
Monthly Extension	SPRBX/SPRBX	ICB
iii. 100 Mbps Ethernet (STS-1) at OC-3 Node		
36 Month	S9TAX/S9TAX	ICB
60 Month	S9TAX/S9TAX	ICB
Monthly Extension	S9TAX/S9TAX	ICB
iv. EC-1 Port <sup>/1/</sup> at OC-3 Node		(D)
36 Month	S4NHX/S4NHX	ICB
60 Month	S4NHX/S4NHX	ICB
Monthly Extension	S4NHX/S4NHX	ICB

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
a. Per port – at OC-3 Node			
1.544 Mbps (DS1) at OC-3 Node			(C)
12 month	SPRAX/SPRAX	ICB	(N)
36 month <sup>2/</sup>	SPRAX/SPRAX	ICB	(C)
60 month <sup>2/</sup>	SPRAX/SPRAX	ICB	(C)
Monthly Extension	SPRAX/SPRAX	ICB	
45 Mbps (DS3) at OC-3 Node			(C)
12 month	SPRBX/SPRBX	ICB	(N)
36 month <sup>2/</sup>	SPRBX/SPRBX	ICB	(C)
60 month <sup>2/</sup>	SPRBX/SPRBX	ICB	(C)
Monthly Extension	SPRBX/SPRBX	ICB	
100 Mbps Ethernet (STS-1) at OC-3 Node			(C)
12 month	S9TAX/S9TAX	ICB	(N)
36 month <sup>2/</sup>	S9TAX/S9TAX	ICB	(C)
60 month <sup>2/</sup>	S9TAX/S9TAX	ICB	(C)
Monthly Extension	S9TAX/S9TAX	ICB	
EC-1 Port <sup>1/</sup> at OC-3 Node			(C)
12 month	S4NHX/S4NHX	ICB	(N)
36 month <sup>2/</sup>	S4NHX/S4NHX	ICB	(C)
60 month <sup>2/</sup>	S4NHX/S4NHX	ICB	(C)
Monthly Extension	S4NHX/S4NHX	ICB	

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)**

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
a. Per port - at OC-3 Node (excluding Re-Map) (cont'd)		
vi. 10/100BaseT VCAT Ethernet <sup>/1/</sup>		
36 Month	S5P1X/S5P1X	ICB
60 Month	S5P1X/S5P1X	ICB
Monthly Extension	S5P1X/S5P1X	ICB
vii. 1000BaseSX VCAT Ethernet		
36 Month	S5P2X/S5P2X	ICB
60 Month	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
viii. 1000BaseLX VCAT Ethernet		
36 Month	S5P3X/S5P3X	ICB
60 Month	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

/1/ EoS port interface offered as 10/100BaseT are only available at the customer premises location.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC CABS/CRIS</u>	<u>Monthly Rate</u>
a. Per port - at OC-3 Node (cont'd)		(C) (D)
v. 10/100BaseT VCAT Ethernet <sup>/1/</sup>		(C)
36 Month	S5P1X/S5P1X	ICB
60 Month	S5P1X/S5P1X	ICB
Monthly Extension	S5P1X/S5P1X	ICB
vi. 1000BaseSX VCAT Ethernet		(C)
36 Month	S5P2X/S5P2X	ICB
60 Month	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
vii. 1000BaseLX VCAT Ethernet		(C)
36 Month	S5P3X/S5P3X	ICB
60 Month	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

/1/ EoS port interface offered as 10/100BaseT are only available at the customer premises location.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports (cont'd)

	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>	
a. Per port – at OC-3 Node (cont'd)			
10/100BaseT VCAT Ethernet <sup>1/</sup>			(C)
12 month	S5P1X/S5P1X	ICB	(N)
36 month <sup>2/</sup>	S5P1X/S5P1X	ICB	(C)
60 month <sup>2/</sup>	S5P1X/S5P1X	ICB	(C)
Monthly Extension	S5P1X/S5P1X	ICB	
1000BaseSX VCAT Ethernet			(C)
12 month	S5P2X/S5P2X	ICB	(N)
36 month <sup>2/</sup>	S5P2X/S5P2X	ICB	(C)
60 month <sup>2/</sup>	S5P2X/S5P2X	ICB	(C)
Monthly Extension	S5P2X/S5P2X	ICB	
1000BaseLX VCAT Ethernet			(C)
12 month	S5P3X/S5P3X	ICB	(N)
36 month <sup>2/</sup>	S5P3X/S5P3X	ICB	(C)
60 month <sup>2/</sup>	S5P3X/S5P3X	ICB	(C)
Monthly Extension	S5P3X/S5P3X	ICB	

<sup>1/</sup> EoS port interface offered as 10/100BaseT are only available at the customer premises location.<sup>2/</sup> Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers.(N)  
(N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
b. Per port - at OC-12 Node (excluding Re-Map)		
i. 1.544 Mbps (DS1) at OC-12 Node <sup>/1/</sup>		
36 month	SPRGX/SPRGX	ICB
60 month	SPRGX/SPRGX	ICB
Monthly Extension	SPRGX/SPRGX	ICB
ii. 45 Mbps (DS3) at OC-12 Node		
36 month	SPRCX/SPRCX	ICB
60 month	SPRCX/SPRCX	ICB
Monthly Extension	SPRCX/SPRCX	ICB
iii. 155.5 Mbps (OC-3, OC-3c) at OC-12 Node		
36 month	SPREX/SPREX	ICB
60 month	SPREX/SPREX	ICB
Monthly Extension	SPREX/SPREX	ICB
iv. 100 Mbps Ethernet (STS-1) at OC-12 Node <sup>/1/</sup>		
36 month	S9TBX/S9TBX	ICB
60 month	S9TBX/S9TBX	ICB
Monthly Extension	S9TBX/S9TBX	ICB
v. 100 Mbps Ethernet (STS-3c) at OC-12 Node <sup>/1/</sup>		
36 month	S9TCX/S9TCX	ICB
60 month	S9TCX/S9TCX	ICB
Monthly Extension	S9TCX/S9TCX	ICB

<sup>/1/</sup> Where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
b. Per port - at OC-12 Node		(D)
i. 1.544 Mbps (DS1) at OC-12 Node <sup>/1/</sup>		
36 month	SPRGX/SPRGX	ICB
60 month	SPRGX/SPRGX	ICB
Monthly Extension	SPRGX/SPRGX	ICB
ii. 45 Mbps (DS3) at OC-12 Node		
36 month	SPRCX/SPRCX	ICB
60 month	SPRCX/SPRCX	ICB
Monthly Extension	SPRCX/SPRCX	ICB
iii. 155.5 Mbps (OC-3, OC-3c) at OC-12 Node		
36 month	SPREX/SPREX	ICB
60 month	SPREX/SPREX	ICB
Monthly Extension	SPREX/SPREX	ICB
iv. 100 Mbps Ethernet (STS-1) at OC-12 Node <sup>/1/</sup>		
36 month	S9TBX/S9TBX	ICB
60 month	S9TBX/S9TBX	ICB
Monthly Extension	S9TBX/S9TBX	ICB
v. 100 Mbps Ethernet (STS-3c) at OC-12 Node <sup>/1/</sup>		
36 month	S9TCX/S9TCX	ICB
60 month	S9TCX/S9TCX	ICB
Monthly Extension	S9TCX/S9TCX	ICB

<sup>/1/</sup> Where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports (cont'd)

	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>	
b. Per port – at OC-12 Node			
1.544 Mbps (DS1) at OC-12 Node <sup>/1</sup>			
12 month	SPRGX/SPRGX	ICB	(C)
36 month <sup>/2</sup>	SPRGX/SPRGX	ICB	(N)
60 month <sup>/2</sup>	SPRGX/SPRGX	ICB	(C)
Monthly Extension	SPRGX/SPRGX	ICB	(C)
45 Mbps (DS3) at OC-12 Node			
12 month	SPRCX/SPRCX	ICB	(N)
36 month <sup>/2</sup>	SPRCX/SPRCX	ICB	(C)
60 month <sup>/2</sup>	SPRCX/SPRCX	ICB	(C)
Monthly Extension	SPRCX/SPRCX	ICB	(C)
155.5 Mbps (OC-3, OC-3c) at OC-12 Node			
12 month	SPREX/SPREX	ICB	(N)
36 month <sup>/2</sup>	SPREX/SPREX	ICB	(C)
60 month <sup>/2</sup>	SPREX/SPREX	ICB	(C)
Monthly Extension	SPREX/SPREX	ICB	(C)
100 Mbps Ethernet (STS-1) at OC-12 Node <sup>/1</sup>			
12 month	S9TBX/S9TBX	ICB	(N)
36 month <sup>/2</sup>	S9TBX/S9TBX	ICB	(C)
60 month <sup>/2</sup>	S9TBX/S9TBX	ICB	(C)
Monthly Extension	S9TBX/S9TBX	ICB	(C)
100 Mbps Ethernet (STS-3c) at OC-12 Node <sup>/1</sup>			
12 month	S9TCX/S9TCX	ICB	(N)
36 month <sup>/2</sup>	S9TCX/S9TCX	ICB	(C)
60 month <sup>/2</sup>	S9TCX/S9TCX	ICB	(C)
Monthly Extension	S9TCX/S9TCX	ICB	(C)

<sup>/1</sup>/ Where facilities and/or operating conditions permit.<sup>/2</sup>/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers.

(N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

3. PORTS (cont'd)	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
b. Per port - at OC-12 Node (excluding Re-Map) (Cont'd)		
vi. 1 Gbps Ethernet (STS-1) at OC-12 Node		
36 Month	S9TDX/S9TDX	ICB
60 Month	S9TDX/S9TDX	ICB
Monthly Extension	S9TDX/S9TDX	ICB
vii. 1 Gbps Ethernet (STS-3c) at OC-12 Node		
36 Month	S9TEX/S9TEX	ICB
60 Month	S9TEX/S9TEX	ICB
Monthly Extension	S9TEX/S9TEX	ICB
viii. EC-1 Re-Map Port at OC-12 Node <sup>/1</sup>		
36 Month	S9N8X/S9N8X	ICB
60 Month	S9N8X/S9N8X	ICB
Monthly Extension	S9N8X/S9N8X	ICB
ix. EC-1 Port at OC-12 Node <sup>/1</sup>		
36 Month	S9NUX/S4NJX	ICB
60 Month	S9NUX/S4NJX	ICB
Monthly Extension	S9NUX/S4NJX	ICB
x. 10/100BaseT VCAT Ethernet <sup>/2</sup>		
36 Month	S5P1X/S5P1X	ICB
60 Month	S5P1X/S5P1X	ICB
Monthly Extension	S5P1X/S5P1X	ICB
xi. 1000BaseSX VCAT Ethernet		
36 Month	S5P2X/S5P2X	ICB
60 Month	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
xii. 1000BaseLX VCAT Ethernet		
36 Month	S5P3X/S5P3X	ICB
60 Month	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ EoS port interface offered as 10/100BaseT are only available at the customer premises location.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

3. PORTS (cont'd)	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
b. Per port - at OC-12 Node (cont'd)		(D)
vi. 1 Gbps Ethernet (STS-1) at OC-12 Node		
36 Month	S9TDX/S9TDX	ICB
60 Month	S9TDX/S9TDX	ICB
Monthly Extension	S9TDX/S9TDX	ICB
vii. 1 Gbps Ethernet (STS-3c) at OC-12 Node		
36 Month	S9TEX/S9TEX	ICB
60 Month	S9TEX/S9TEX	ICB
Monthly Extension	S9TEX/S9TEX	ICB
		(D)
viii. EC-1 Port at OC-12 Node <sup>/1</sup>		(D)
36 Month	S9NUX/S4NJX	ICB
60 Month	S9NUX/S4NJX	ICB
Monthly Extension	S9NUX/S4NJX	ICB
ix. 10/100BaseT VCAT Ethernet <sup>/2</sup>		(C)
36 Month	S5P1X/S5P1X	ICB
60 Month	S5P1X/S5P1X	ICB
Monthly Extension	S5P1X/S5P1X	ICB
x. 1000BaseSX VCAT Ethernet		(C)
36 Month	S5P2X/S5P2X	ICB
60 Month	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
xi. 1000BaseLX VCAT Ethernet		(C)
36 Month	S5P3X/S5P3X	ICB
60 Month	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ EoS port interface offered as 10/100BaseT are only available at the customer premises location.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports (cont'd)

	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>
b. Per port – at OC-12 Node (cont'd)		
1 Gbps Ethernet (STS-1) at OC-12 Node		
12 month	S9TDX/S9TDX	ICB
36 month <sup>/3/</sup>	S9TDX/S9TDX	ICB
60 month <sup>/3/</sup>	S9TDX/S9TDX	ICB
Monthly Extension	S9TDX/S9TDX	ICB
1 Gbps Ethernet (STS-3c) at OC-12 Node		
12 month	S9TEX/S9TEX	ICB
36 month <sup>/3/</sup>	S9TEX/S9TEX	ICB
60 month <sup>/3/</sup>	S9TEX/S9TEX	ICB
Monthly Extension	S9TEX/S9TEX	ICB
EC-1 Port at OC-12 Node <sup>/1/</sup>		
12 month	S9NUX/S4NJK	ICB
36 month <sup>/3/</sup>	S9NUX/S4NJK	ICB
60 month <sup>/3/</sup>	S9NUX/S4NJK	ICB
Monthly Extension	S9NUX/S4NJK	ICB
10/100BaseT VCAT Ethernet <sup>/2/</sup>		
12 month	S5P1X/S5P1X	ICB
36 month <sup>/3/</sup>	S5P1X/S5P1X	ICB
60 month <sup>/3/</sup>	S5P1X/S5P1X	ICB
Monthly Extension	S5P1X/S5P1X	ICB
1000BaseSX VCAT Ethernet		
12 month	S5P2X/S5P2X	ICB
36 month <sup>/3/</sup>	S5P2X/S5P2X	ICB
60 month <sup>/3/</sup>	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
1000BaseLX VCAT Ethernet		
12 month	S5P3X/S5P3X	ICB
36 month <sup>/3/</sup>	S5P3X/S5P3X	ICB
60 month <sup>/3/</sup>	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ EoS port interface offered as 10/100BaseT are only available at the customer premises location.

/3/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers.

(N)  
(N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

3. PORTS (cont'd)	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>
c. Per port - at OC-48 Node (excluding Re-Map)		
i. 1.544 Mbps (DS1) at OC-48 Node <sup>/1/</sup>		
36 month	SPRLX/SPRLX	ICB
60 month	SPRLX/SPRLX	ICB
Monthly Extension	SPRLX/SPRLX	ICB
ii. 45 Mbps (DS3) at OC-48 Node <sup>/1/</sup>		
36 month	SPRKX/SPRKX	ICB
60 month	SPRKX/SPRKX	ICB
Monthly Extension	SPRKX/SPRKX	ICB
iii. 155.5 Mbps (OC3, OC-3c) at OC-48 Node		
36 month	SPRJX/SPRJX	ICB
60 month	SPRJX/SPRJX	ICB
Monthly Extension	SPRJX/SPRJX	ICB
iv. 622 Mbps (OC-12, OC-12c) at OC-48 Node		
36 month	SPRHX/SPRHX	ICB
60 month	SPRHX/SPRHX	ICB
Monthly Extension	SPRHX/SPRHX	ICB
v. 100 Mbps Ethernet (STS-1) at OC-48 Node <sup>/2/</sup>		
36 month	S9TGX/S9TGX	ICB
60 month	S9TGX/S9TGX	ICB
Monthly Extension	S9TGX/S9TGX	ICB
vi. 100 Mbps Ethernet (STS-3c) at OC-48 Node <sup>/2/</sup>		
36 month	S9THX/S9THX	ICB
60 month	S9THX/S9THX	ICB
Monthly Extension	S9THX/S9THX	ICB
vii. 1 Gbps Ethernet (STS-1) at OC-48 Node <sup>/2/</sup>		
36 month	S9TJX/S9TJX	ICB
60 month	S9TJX/S9TJX	ICB
Monthly Extension	S9TJX/S9TJX	ICB

/1/ For OC-48 SONET Rings, the Add/Drop capability rate element is applicable only once and only when the 25th DS3 port is applied per Node.

/2/ Where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

3. PORTS (cont'd)	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>	
c. Per port - at OC-48 Node			(C)
i. 1.544 Mbps (DS1) at OC-48 Node <sup>/1/</sup>			
36 month	SPRLX/SPRLX	ICB	
60 month	SPRLX/SPRLX	ICB	
Monthly Extension	SPRLX/SPRLX	ICB	
ii. 45 Mbps (DS3) at OC-48 Node <sup>/1/</sup>			
36 month	SPRKX/SPRKX	ICB	
60 month	SPRKX/SPRKX	ICB	
Monthly Extension	SPRKX/SPRKX	ICB	
iii. 155.5 Mbps (OC3, OC-3c) at OC-48 Node			
36 month	SPRJX/SPRJX	ICB	
60 month	SPRJX/SPRJX	ICB	
Monthly Extension	SPRJX/SPRJX	ICB	
iv. 622 Mbps (OC-12, OC-12c) at OC-48 Node			
36 month	SPRHX/SPRHX	ICB	
60 month	SPRHX/SPRHX	ICB	
Monthly Extension	SPRHX/SPRHX	ICB	
v. 100 Mbps Ethernet (STS-1) at OC-48 Node <sup>/2/</sup>			
36 month	S9TGX/S9TGX	ICB	
60 month	S9TGX/S9TGX	ICB	
Monthly Extension	S9TGX/S9TGX	ICB	
vi. 100 Mbps Ethernet (STS-3c) at OC-48 Node <sup>/2/</sup>			
36 month	S9THX/S9THX	ICB	
60 month	S9THX/S9THX	ICB	
Monthly Extension	S9THX/S9THX	ICB	
vii. 1 Gbps Ethernet (STS-1) at OC-48 Node <sup>/2/</sup>			
36 month	S9TJX/S9TJX	ICB	
60 month	S9TJX/S9TJX	ICB	
Monthly Extension	S9TJX/S9TJX	ICB	

/1/ For OC-48 SONET Rings, the Add/Drop capability rate element is applicable only once and only when the 25th DS3 port is applied per Node.

/2/ Where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports (cont'd)

	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>	
c. Per port – at OC-48 Node			
1.544 Mbps (DS1) at OC-48 Node <sup>/1</sup>			
12 month	SPRLX/SPRLX	ICB	(C)
36 month <sup>/2</sup>	SPRLX/SPRLX	ICB	(N)
60 month <sup>/2</sup>	SPRLX/SPRLX	ICB	(C)
Monthly Extension	SPRLX/SPRLX	ICB	(C)
45 Mbps (DS3) at OC-48 Node <sup>/1</sup>			
12 month	SPRKX/SPRKX	ICB	(N)
36 month <sup>/2</sup>	SPRKX/SPRKX	ICB	(C)
60 month <sup>/2</sup>	SPRKX/SPRKX	ICB	(C)
Monthly Extension	SPRKX/SPRKX	ICB	(C)
155.5 Mbps (OC-3, OC-3c) at OC-48 Node			
12 month	SPRJX/SPRJX	ICB	(N)
36 month <sup>/2</sup>	SPRJX/SPRJX	ICB	(C)
60 month <sup>/2</sup>	SPRJX/SPRJX	ICB	(C)
Monthly Extension	SPRJX/SPRJX	ICB	(C)
622 Mbps (OC-12, OC-12c) at OC-48 Node			
12 month	SPRHX/SPRHX	ICB	(N)
36 month <sup>/2</sup>	SPRHX/SPRHX	ICB	(C)
60 month <sup>/2</sup>	SPRHX/SPRHX	ICB	(C)
Monthly Extension	SPRHX/SPRHX	ICB	(C)
100 Mbps Ethernet (STS-1) at OC-48 Node <sup>/2</sup>			
12 month	S9TGX/S9TGX	ICB	(N)
36 month <sup>/2</sup>	S9TGX/S9TGX	ICB	(C)
60 month <sup>/2</sup>	S9TGX/S9TGX	ICB	(C)
Monthly Extension	S9TGX/S9TGX	ICB	(C)
100 Mbps Ethernet (STS-3c) at OC-48 Node <sup>/2</sup>			
12 month	S9THX/S9THX	ICB	(N)
36 month <sup>/2</sup>	S9THX/S9THX	ICB	(C)
60 month <sup>/2</sup>	S9THX/S9THX	ICB	(C)
Monthly Extension	S9THX/S9THX	ICB	(C)

/4/

/1/ For OC-48 SONET Rings, the Add/Drop capability rate element is applicable only once and only when the 25th DS3 port is applied per Node.

/2/ Where facilities and/or operating conditions permit.

/3/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

/4/ Material now appears on Sheet 92.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
c. Per port - at OC-48 Node (excluding Re-Map) (Cont'd)		
viii. 1 Gbps Ethernet (STS-3c) at OC-48 Node		
36 month	S9TKX/S9TKX	ICB
60 month	S9TKX/S9TKX	ICB
Monthly Extension	S9TKX/S9TKX	ICB
ix. 1 Gbps Ethernet (STS-12c) at OC-48 Node		
36 month	S9TLX/S9TLX	ICB
60 month	S9TLX/S9TLX	ICB
Monthly Extension	S9TLX/S9TLX	ICB
x. 1 Gbps Ethernet (STS-24c) at OC-48 Node		
36 month	S9TMX/S9TMX	ICB
60 month	S9TMX/S9TMX	ICB
Monthly Extension	S9TMX/S9TMX	ICB
xi. EC-1 Re-Map Port at OC-48 Node <sup>/1</sup>		
36 Month	S9N9X/S9N9X	ICB
60 Month	S9N9X/S9N9X	ICB
Monthly Extension	S9N9X/S9N9X	ICB
xii. EC-1 Port at OC-48 Node <sup>/1</sup>		
36 Month	S9NVX/S4NKX	ICB
60 Month	S9NVX/S4NKX	ICB
Monthly Extension	S9NVX/S4NKX	ICB
xiii. 10/100BaseT VCAT Ethernet <sup>/2</sup>		
36 Month	S5P1X/S5P1X	ICB
60 Month	S5P1X/S5P1X	ICB
Monthly Extension	S5P1X/S5P1X	ICB

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ EoS port interfaces offered as 10/100BaseT are only available at the customer premise location.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
c. Per port - at OC-48 Node (cont'd)			(C) (D)
viii. 1 Gbps Ethernet (STS-3c) at OC-48 Node			
36 month	S9TKX/S9TKX	ICB	
60 month	S9TKX/S9TKX	ICB	
Monthly Extension	S9TKX/S9TKX	ICB	
ix. 1 Gbps Ethernet (STS-12c) at OC-48 Node			
36 month	S9TLX/S9TLX	ICB	
60 month	S9TLX/S9TLX	ICB	
Monthly Extension	S9TLX/S9TLX	ICB	
x. 1 Gbps Ethernet (STS-24c) at OC-48 Node			
36 month	S9TMX/S9TMX	ICB	
60 month	S9TMX/S9TMX	ICB	
Monthly Extension	S9TMX/S9TMX	ICB	
			(D)
			(D)
xi. EC-1 Port at OC-48 Node <sup>/1/</sup>			(C)
36 Month	S9NVX/S4NKX	ICB	
60 Month	S9NVX/S4NKX	ICB	
Monthly Extension	S9NVX/S4NKX	ICB	
xii. 10/100BaseT VCAT Ethernet <sup>/2/</sup>			(C)
36 Month	S5P1X/S5P1X	ICB	
60 Month	S5P1X/S5P1X	ICB	
Monthly Extension	S5P1X/S5P1X	ICB	

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ EoS port interfaces offered as 10/100BaseT are only available at the customer premise location.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>	
c. Per port – at OC-48 Node (cont'd)			
1 Gbps Ethernet (STS-1) at OC-48 Node <sup>/2/</sup>			
12 month	S9TJX/S9TJX	ICB	(C) /4/
36 month <sup>/2/</sup>	S9TJX/S9TJX	ICB	(N)
60 month <sup>/2/</sup>	S9TJX/S9TJX	ICB	(C)
Monthly Extension	S9TJX/S9TJX	ICB	(C)
			/4/
1 Gbps Ethernet (STS-3c) at OC-48 Node			
12 month	S9TKX/S9TKX	ICB	(C)
36 month <sup>/2/</sup>	S9TKX/S9TKX	ICB	(N)
60 month <sup>/2/</sup>	S9TKX/S9TKX	ICB	(C)
Monthly Extension	S9TKX/S9TKX	ICB	(C)
1 Gbps Ethernet (STS-12c) at OC-48 Node			
12 month	S9TLX/S9TLX	ICB	(C)
36 month <sup>/2/</sup>	S9TLX/S9TLX	ICB	(N)
60 month <sup>/2/</sup>	S9TLX/S9TLX	ICB	(C)
Monthly Extension	S9TLX/S9TLX	ICB	(C)
1 Gbps Ethernet (STS-24c) at OC-48 Node			
12 month	S9TMX/S9TMX	ICB	(C)
36 month <sup>/2/</sup>	S9TMX/S9TMX	ICB	(N)
60 month <sup>/2/</sup>	S9TMX/S9TMX	ICB	(C)
Monthly Extension	S9TMX/S9TMX	ICB	(C)
EC-1 Port at OC-48 Node <sup>/1/</sup>			
12 month	S9NVX/S4NKX	ICB	(C)
36 month <sup>/2/</sup>	S9NVX/S4NKX	ICB	(N)
60 month <sup>/2/</sup>	S9NVX/S4NKX	ICB	(C)
Monthly Extension	S9NVX/S4NKX	ICB	(C)
10/100BaseT VCAT Ethernet <sup>/2/</sup>			
12 month	S5P1X/S5P1X	ICB	(C)
36 month <sup>/2/</sup>	S5P1X/S5P1X	ICB	(N)
60 month <sup>/2/</sup>	S5P1X/S5P1X	ICB	(C)
Monthly Extension	S5P1X/S5P1X	ICB	(C)

/1/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/2/ EoS port interfaces offered as 10/100BaseT are only available at the customer premise location.

/3/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

/4/ Material formerly appeared on Sheet 91.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
c. Per Port – at OC-48 Node (excluding Re-Map) (Cont'd)		
xiv. 1000BaseSX VCAT Ethernet		
36 Month	S5P2X/S5P2X	ICB
60 Month	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
xv. 1000BaseLX VCAT Ethernet		
36 Month	S5P3X/S5P3X	ICB
60 Month	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

## 4. OPTICAL TO ELECTRICAL ADD/DROP CAPABILITY

a. Per OC-3 to DS1 Add/Drop - once per arrangement<sup>/1/</sup>

36 month	MXJDX/MXJDX	ICB
60 month	MXJDX/MXJDX	ICB
Monthly Extension	MXJDX/MXJDX	ICB

b. Per OC-3 to DS1 Add/Drop Re-Map<sup>/2/</sup>

36 month	M8RDX/M8RDX	ICB
60 month	M8RDX/M8RDX	ICB
Monthly Extension	M8RDX/M8RDX	ICB

/1/ The Optical-to-Electrical DS1 Add/Drop capability rate element is applicable when the 85th DS1 port is applied per OC-12 Node.

/2/ Optical to Electrical DS1 Add/Drop capability as described in B. 5. is required with an OC-3 Port.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. PORTS (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
c. Per Port – at OC-48 Node (cont'd)		(C) (D)
xiii. 1000BaseSX VCAT Ethernet		(C)
36 Month	S5P2X/S5P2X	ICB
60 Month	S5P2X/S5P2X	ICB
Monthly Extension	S5P2X/S5P2X	ICB
xiv. 1000BaseLX VCAT Ethernet		(C)
36 Month	S5P3X/S5P3X	ICB
60 Month	S5P3X/S5P3X	ICB
Monthly Extension	S5P3X/S5P3X	ICB

## 4. OPTICAL TO ELECTRICAL ADD/DROP CAPABILITY

a. Per OC-3 to DS1 Add/Drop - once per arrangement<sup>/1/</sup>

36 month	MXJDX/MXJDX	ICB
60 month	MXJDX/MXJDX	ICB
Monthly Extension	MXJDX/MXJDX	ICB
		(D)
		(D)

/1/ The Optical-to-Electrical DS1 Add/Drop capability rate element is applicable when the 85th DS1 port is applied per OC-12 Node.

(D)  
(D)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 3. Ports (cont'd)

	USOC <u>CABS/CRIS</u>	Monthly <u>Rate</u>	
c. Per port – at OC-48 Node (cont'd)			
1000BaseSX VCAT Ethernet			
12 month	S5P2X/S5P2X	ICB	(C)
36 month <sup>/2/</sup>	S5P2X/S5P2X	ICB	(N)
60 month <sup>/2/</sup>	S5P2X/S5P2X	ICB	(C)
Monthly Extension	S5P2X/S5P2X	ICB	(C)
1000BaseLX VCAT Ethernet			
12 month	S5P3X/S5P3X	ICB	(N)
36 month <sup>/2/</sup>	S5P3X/S5P3X	ICB	(C)
60 month <sup>/2/</sup>	S5P3X/S5P3X	ICB	(C)
Monthly Extension	S5P3X/S5P3X	ICB	(C)
4. Optical to Electrical Add/Drop Capability			
Per OC-3 to DS1 Add/Drop – once per arrangement <sup>/1/</sup>			
12 month	MXJDX/MXJDX	ICB	(N)
36 month <sup>/2/</sup>	MXJDX/MXJDX	ICB	(C)
60 month <sup>/2/</sup>	MXJDX/MXJDX	ICB	(C)
Monthly Extension	MXJDX/MXJDX	ICB	(C)

/1/ The Optical-to-Electrical DS1 Add/Drop capability rate element is applicable when the 85th DS1 port is applied per OC-12 Node.

/2/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 5. MILEAGE

	USOC CABS/CRIS	Monthly Rate		
		Fixed	Per Mile	
<u>a. Mileage Bands</u>				
<u>i. OC- 3</u>				
36 Month Term 0 Miles Over 0 Miles	1YAZX/1YAZ3 1YAZX/1YAZ3	None None	None ICB	
60 Month Term 0 Miles Over 0 Miles	1YAZX/1YAZ5 1YAZX/1YAZ5	None None	None ICB	
Monthly Extension Rate 0 Miles Over 0 Miles	1YAZX/1YAZM 1YAZX/1YAZM	None None	None ICB	
<u>ii. OC- 12</u>				
36 Month Term 0 Miles Over 0 Miles	1YAZX/1YAZ3 1YAZX/1YAZ3	None None	None ICB	
60 Month Term 0 Miles Over 0 Miles	1YAZX/1YAZ5 1YAZX/1YAZ5	None None	None ICB	
Monthly Extension Rate 0 Miles Over 0 Miles	1YAZX/1YAZM 1YAZX/1YAZM	None None	None ICB	
<u>iii. OC- 48</u>				
36 Month Term 0 Miles Over 0 Miles	1YAZX/1YAZ3 1YAZX/1YAZ3	None None	None ICB	
60 Month Term 0 Miles Over 0 Miles	1YAZX/1YAZ5 1YAZX/1YAZ5	None None	None ICB	
Monthly Extension Rate 0 Miles Over 0 Miles	1YAZX/1YAZM 1YAZX/1YAZM	None None	None ICB	

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 5. Mileage

Mileage Bands	USOC CABS/CRIS	Monthly Rate		(C) (N)
		Fixed	Per Mile	
OC-3				
12 month Term				
0 Miles	1YAZX/1YAZ3	None	None	
Over 0 Miles	1YAZX/1YAZ3	None	ICB	(N)
36 month Term <sup>/1</sup>				(C)
0 Miles	1YAZX/1YAZ3	None	None	
Over 0 Miles	1YAZX/1YAZ3	None	ICB	
60 month Term <sup>/1</sup>				(C)
0 Miles	1YAZX/1YAZ5	None	None	
Over 0 Miles	1YAZX/1YAZ5	None	ICB	
Monthly Extension				
0 Miles	1YAZX/1YAZM	None	None	
Over 0 Miles	1YAZX/1YAZM	None	ICB	
OC-12				
12 month Term				
0 Miles	1YAZX/1YAZ3	None	None	
Over 0 Miles	1YAZX/1YAZ3	None	ICB	(N)
36 month Term <sup>/1</sup>				(C)
0 Miles	1YAZX/1YAZ3	None	None	
Over 0 Miles	1YAZX/1YAZ3	None	ICB	
60 month Term <sup>/1</sup>				(C)
0 Miles	1YAZX/1YAZ5	None	None	
Over 0 Miles	1YAZX/1YAZ5	None	ICB	
Monthly Extension				
0 Miles	1YAZX/1YAZM	None	None	
Over 0 Miles	1YAZX/1YAZM	None	ICB	

/2/

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

/2/ Material now appears on Sheet 95.

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)****6. REGENERATOR**

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Monthly</u> <u>Rate</u>
a. <u>OC-3</u>		
36 month	RGY/RGYS3	ICB
60 month	RGY/RGYS5	ICB
Monthly Extension	RGY/RGYSM	ICB
b. <u>OC-12</u>		
36 month	RGY/RGYS3	ICB
60 month	RGY/RGYS5	ICB
Monthly Extension	RGY/RGYSM	ICB
c. <u>OC-48</u>		
36 month	RGY/RGYS3	ICB
60 month	RGY/RGYS5	ICB
Monthly Extension	RGY/RGYSM	ICB

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 5. Mileage (cont'd)

Mileage Bands (cont'd)	USOC CABS/CRIS	Monthly Rate		(C) /2/ (N)
		Fixed	Per Mile	
OC-48				
12 month Term				
0 Miles	1YAZX/1YAZ3	None	None	(N)
Over 0 Miles	1YAZX/1YAZ3	None	ICB	
36 month Term <sup>/1/</sup>				(C)
0 Miles	1YAZX/1YAZ3	None	None	
Over 0 Miles	1YAZX/1YAZ3	None	ICB	
60 month Term <sup>/1/</sup>				(C)
0 Miles	1YAZX/1YAZ5	None	None	
Over 0 Miles	1YAZX/1YAZ5	None	ICB	
Monthly Extension				
0 Miles	1YAZX/1YAZM	None	None	
Over 0 Miles	1YAZX/1YAZM	None	ICB	/2/

## 6. Regenerator

		Monthly Rate	
OC-3			(C)
12 month	RGY/RGYS3	ICB	(N)
36 month <sup>/1/</sup>	RGY/RGYS3	ICB	(C)
60 month <sup>/1/</sup>	RGY/RGYS5	ICB	(C)
Monthly Extension	RGY/RGYSM	ICB	
OC-12			(C)
12 month	RGY/RGYS3	ICB	(N)
36 month <sup>/1/</sup>	RGY/RGYS3	ICB	(C)
60 month <sup>/1/</sup>	RGY/RGYS5	ICB	(C)
Monthly Extension	RGY/RGYSM	ICB	
OC-48			(C)
12 month	RGY/RGYS3	ICB	(N)
36 month <sup>/1/</sup>	RGY/RGYS3	ICB	(C)
60 month <sup>/1/</sup>	RGY/RGYS5	ICB	(C)
Monthly Extension	RGY/RGYSM	ICB	

/1/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N)

/2/ Material formerly appeared on Sheet 94.

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)****7. NON-RECURRING CHARGES**

	<u>USOC CABS/CRIS</u>	<u>Non-Recurring Charge</u>
a. <u>Administrative Charge - per order</u>		
OC-3 Dedicated Ring	ORCMX/ORCMX	ICB
OC-12 Dedicated Ring	ORCMX/ORCMX	ICB
OC-48 Dedicated Ring	ORCMX/ORCMX	ICB
b. <u>Design and Central Office Connection Charge - per circuit</u> <sup>/1/</sup>		
OC-3 Dedicated Ring	NRMCK/NRBCL	ICB
OC-12 Dedicated Ring	NRMCK/NRBCL	ICB
OC-48 Dedicated Ring	NRMCK/NRBCL	ICB

/1/ Per circuit is applied once per the total original Ring design.

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)**

7. Nonrecurring Charges	<u>USOC</u> <u>CABS/CRIS</u>	Nonrecurring Charge	(C) (C)
a. Administrative Charge - per order			
OC-3 Dedicated Ring	ORCMX/ORCMX	ICB	
OC-12 Dedicated Ring	ORCMX/ORCMX	ICB	
OC-48 Dedicated Ring	ORCMX/ORCMX	ICB	
b. Design and Central Office Connection Charge - per circuit <sup>/1/</sup>			
OC-3 Dedicated Ring	NRMCK/NRBCL	ICB	
OC-12 Dedicated Ring	NRMCK/NRBCL	ICB	
OC-48 Dedicated Ring	NRMCK/NRBCL	ICB	

/1/ Per circuit is applied once per the total original Ring design.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NON-RECURRING CHARGES (cont'd)

	<u>USOC CABS/CRIS</u>	<u>Non-Recurring Charge</u>
c. Node		
i. OC-3		
Customer Premises Node - excluding re-Map Subsequent Installation	NRBS7/NRBS7	ICB
Central Office Node - Subsequent Installation	NRBSV/NRBSV	ICB
Customer Premises Node - additional Re-Map Subsequent Installation	NRBS7/NRMRX	ICB
ii. OC-12		
Customer Premises Node - excluding re-Map Subsequent Installation	NRBS7/NRBS7	ICB
Central Office Node - Subsequent Installation	NRBSV/NRBSV	ICB
Customer Premises Node - additional Re-Map Subsequent Installation	NRBS7/NRMRX	ICB
iii. OC-48		
Customer Premises Node - excluding re-Map Subsequent Installation	NRBS7/NRBS7	ICB
Central Office Node - Subsequent Installation	NRBSV/NRBSV	ICB
Customer Premises Node - additional Re-Map Subsequent installation	NRBS7/NRMRX	ICB

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NONRECURRING CHARGES (cont'd)

	<u>USOC CABS/CRIS</u>	<u>Non-Recurring Charge</u>
c. Node		
i. OC-3		
Customer Premises Node - Subsequent Installation	NRBS7/NRBS7	ICB (C)
Central Office Node - Subsequent Installation	NRBSV/NRBSV	ICB (D)
ii. OC-12		
Customer Premises Node - Subsequent Installation	NRBS7/NRBS7	ICB (C)
Central Office Node - Subsequent Installation	NRBSV/NRBSV	ICB (D)
iii. OC-48		
Customer Premises Node - Subsequent Installation	NRBS7/NRBS7	ICB (C)
Central Office Node - Subsequent Installation	NRBSV/NRBSV	ICB (D)

**4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)****E. RATES AND CHARGES (cont'd)**

7. Nonrecurring Charges (cont'd)	<u>USOC</u> <u>CABS/CRIS</u>	Nonrecurring Charge	(C) (C)
c. Node Subsequent Installation			(C)
OC-3 Customer Premises Node	NRBS7/NRBS7	ICB	(C)
Central Office Node	NRBSV/NRBSV	ICB	
OC-12 Customer Premises Node	NRBS7/NRBS7	ICB	(C)
Central Office Node	NRBSV/NRBSV	ICB	
OC-48 Customer Premises Node	NRBS7/NRBS7	ICB	(C)
Central Office Node	NRBSV/NRBSV	ICB	

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NON-RECURRING CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Non-Recurring</u> <u>Charge</u>
d. Ports <sup>/1</sup>		
i. Per port - at OC-3 Node		
(a) 45 Mbps (DS3/DS3 with Transmux) at OC-3 Node - per subsequent installation	NRBSX/NRBSX	ICB
(b) 1.544 Mbps (DS1) at OC-3 Node - per subsequent installation	NRBSY/NRBSY	ICB
(c) 100 Mbps Ethernet (STS-1) at OC-3 Node - per subsequent installation	NRM63/NRBY4	ICB
(d) EC-1 port at OC-3 Node - per subsequent installation <sup>/2</sup>	NRBSX/NRBSX	ICB
(e) 1.544 Mbps (DS1) at OC-3 Node - per subsequent installation	NRBSY/NRBSY	ICB
(f) 10/100BaseT VCAT Ethernet Port - per subsequent installation	NRM63/NRBY4	ICB
(g) 1000BaseSX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB
(h) 1000BaseLX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB

/1/ Applicable to 36 Month, 60 Month and Monthly Extension Term Plans.

/2/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	Nonrecurring Charge
7. Nonrecurring Charges (cont'd)		
d. Ports <sup>/1/</sup>		
Per port - at OC-3 Node - per subsequent installation		(C)
45 Mbps (DS3/DS3 with Transmux)	NRBSX/NRBSX	ICB
1.544 Mbps (DS1)	NRBSY/NRBSY	ICB
100 Mbps Ethernet (STS-1)	NRM63/NRBY4	ICB
EC-1 port <sup>/2/</sup>	NRBSX/NRBSX	ICB
1.544 Mbps (DS1)	NRBSY/NRBSY	ICB
10/100BaseT VCAT Ethernet Port	NRM63/NRBY4	ICB
1000BaseSX VCAT Ethernet Port	NRM65/NRBY5	ICB
1000BaseLX VCAT Ethernet Port	NRM65/NRBY5	ICB

/1/ Applicable to 12 Month, 36 Month<sup>/3/</sup>, 60 Month<sup>/3/</sup> and Monthly Extension Term Plans. (C)

/2/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/3/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N) (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NON-RECURRING CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Non-Recurring</u> <u>Charge</u>
d. Ports <sup>/1/</sup> (cont'd)		
ii. Per port, at OC-12 Node		
(a) 1.544 Mbps (DS1) at OC-12 Node - per subsequent installation	NRBSY/NRBSY	ICB
(b) 45 Mbps (DS3/DS3 w/Transmux) at OC-12 Node - per subsequent installation	NRBSX/NRBSX	ICB
(c) 155.5 Mbps (OC-3, OC-3c) at OC-12 Node - per subsequent installation	NRBSW/NRBSW	ICB
(d) 100 Mbps Ethernet (STS-1) at OC-12 Node - per subsequent installation	NRM63/NRBY4	ICB
(e) 100 Mbps Ethernet (STS-3c) at OC-12 Node - per subsequent installation	NRM64/NRBY4	ICB
(f) 1 Gbps Ethernet (STS-1) at OC-12 Node - per subsequent installation	NRM65/NRBY5	ICB
(g) 1 Gbps Ethernet (STS-3c) at OC-12 Node - per subsequent installation	NRM66/NRBY5	ICB
(h) EC-1 port at OC-12 Node - per subsequent installation <sup>/2/</sup>	NRBSX/NRBSX	ICB
(i) 10/100BaseT VCAT Ethernet Port - per subsequent installation	NRM63/NRBY4	ICB
(j) 1000BaseSX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB
(k) 1000BaseLX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB

/1/ Applicable to 36 Month, 60 Month and Monthly Extension Term Plans.

/2/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	Nonrecurring Charge
7. Nonrecurring Charges (cont'd)		
d. Ports <sup>/1/</sup> (cont'd)		
Per port - at OC-12 Node - per subsequent installation		(C)
1.544 Mbps (DS1)	NRBSY/NRBSY	ICB
45 Mbps (DS3/DS3 with Transmux)	NRBSX/NRBSX	ICB
155.5 Mbps (OC-3, OC-3c)	NRBSW/NRBSW	ICB
100 Mbps Ethernet (STS-1)	NRM63/NRBY4	ICB
100 Mbps Ethernet (STS-3c)	NRM64/NRBY4	ICB
1 Gbps Ethernet (STS-1)	NRM65/NRBY5	ICB
1 Gbps Ethernet (STS-3c)	NRM66/NRBY5	ICB
EC-1 port <sup>/2/</sup>	NRBSX/NRBSX	ICB
10/100BaseT VCAT Ethernet Port	NRM63/NRBY4	ICB
1000BaseSX VCAT Ethernet Port	NRM65/NRBY5	ICB
1000BaseLX VCAT Ethernet Port	NRM65/NRBY5	ICB

/1/ Applicable to 12 Month, 36 Month<sup>/3/</sup>, 60 Month<sup>/3/</sup> and Monthly Extension Term Plans. (C)

/2/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/3/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N) (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NON-RECURRING CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Non-Recurring</u> <u>Charge</u>
d. Ports <sup>/1/</sup> (Cont'd)		
iii. Per port, at OC-48 Node		
(a) 1.544 Mbps (DS1) at OC-48 Node - per subsequent installation	NRBSY/NRBSY	ICB
(b) 45 Mbps (DS3) at OC-48 Node - per subsequent installation	NRBSX/NRBSX	ICB
(c) 155.5 Mbps (OC3, OC-3c) at OC-48 Node - per subsequent installation	NRBSW/NRBSW	ICB
(d) 622 Mbps (OC-12, OC-12c) at OC-48 Node - per subsequent installation	NRBSZ/NRBSZ	ICB
(e) 100 Mbps Ethernet (STS-1) at OC-48 Node - per subsequent installation	NRM63/NRBY4	ICB
(f) 100 Mbps Ethernet (STS-3c) at OC-48 Node - per subsequent installation	NRM64/NRBY4	ICB
(g) 1 Gbps Ethernet (STS-1) at OC-48 Node - per subsequent installation	NRM65/NRBY5	ICB
(h) 1 Gbps Ethernet (STS-3c) at OC-48 Node - per subsequent installation	NRM66/NRBY5	ICB
(i) 1 Gbps Ethernet (STS-12c) at OC-48 Node - per subsequent installation	NRM67/NRBY5	ICB
(j) 1 Gbps Ethernet (STS-24c) at OC-48 Node - per subsequent installation	NRM68/NRBY5	ICB
(k) EC-1 port at OC-48 Node - per subsequent installation <sup>/2/</sup>	NRBSX/NRBSX	ICB

/1/ Applicable to 36 Month, 60 Month and Monthly Extension Term Plans.

/2/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	Nonrecurring Charge
7. Nonrecurring Charges (cont'd)		
d. Ports <sup>/1/</sup> (cont'd)		
Per port - at OC-48 Node		(C)
- per subsequent installation		
1.544 Mbps (DS1)	NRBSY/NRBSY	ICB
45 Mbps (DS3)	NRBSX/NRBSX	ICB
155.5 Mbps (OC-3, OC-3c)	NRBSW/NRBSW	ICB
622 Mbps (OC-12, OC-12c)	NRBSZ/NRBSZ	ICB
100 Mbps Ethernet (STS-1)	NRM63/NRBY4	ICB
100 Mbps Ethernet (STS-3c)	NRM64/NRBY4	ICB
1 Gbps Ethernet (STS-1)	NRM65/NRBY5	ICB
1 Gbps Ethernet (STS-3c)	NRM66/NRBY5	ICB
1 Gbps Ethernet (STS-12c)	NRM67/NRBY5	ICB
1 Gbps Ethernet (STS-24c)	NRM68/NRBY5	ICB
EC-1 port <sup>/2/</sup>	NRBSX/NRBSX	ICB

/1/ Applicable to 12 Month, 36 Month<sup>/3/</sup>, 60 Month<sup>/3/</sup> and Monthly Extension Term Plans. (C)

/2/ EC-1 Port offered as Customer Premises termination and as a CO termination where facilities and/or operating conditions permit.

/3/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer (N) available for new or renewing subscribers. (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NON-RECURRING CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	Non-Recurring Charge
d. Ports <sup>/1/</sup> (Cont'd) iii. Per port, at OC-48 Node (cont'd)		
(l) 10/100BaseT VCAT Ethernet Port - per subsequent installation	NRM63/NRBY4	ICB
(m) 1000BaseSX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB
(n) 1000BaseLX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB
e. Optical to Electrical Add/Drop Capability <sup>/1//2/</sup>		
i. per subsequent installation		
- per arrangement	NRBS8/NRBS6	ICB
- per OC-3 to DS1 Add/Drop	NRBS8/NRBS6	ICB
- per subsequent installation, per DS1 off OC-12, OC-48	NRBS8/NRBS6	ICB
f. Regenerator		
i. OC-3, OC-12, OC-48 for Subsequent Installation	NRBS5/NRBS5	ICB
g. Shared Network Arrangement		
a. Processing Charge - per Service Order	NRMCL/NRBOP	ICB
h. OC-48 Add/Drop Capability <sup>/3/</sup>		
- per subsequent installation, per arrangement	NRBS8/NRBS6	ICB
- Re-Map, per OC-3 to DS1 Add/Drop	NRBS8/NRBS6	ICB

/1/

Applicable to 36 Month, 60 Month and Monthly Extension Term Plans.

/2/

The Optical to Electrical Add/Drop Capability is in addition to the Add/Drop Capability charge as set forth in h. preceding.

/3/

Add/Drop charge applies only with the initial installation of node equipped with drop capacity. This charge applies to all nodes, excluding regenerators.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NONRECURRING CHARGES (cont'd)

	<u>USOC CABS/CRIS</u>	<u>Non-Recurring Charge</u>
d. Ports <sup>/1/</sup> (cont'd)		
iii. Per port, at OC-48 Node (cont'd)		
(l) 10/100BaseT VCAT Ethernet Port - per subsequent installation	NRM63/NRBY4	ICB
(m) 1000BaseSX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB
(n) 1000BaseLX VCAT Ethernet Port - per subsequent installation	NRM65/NRBY5	ICB
e. Optical to Electrical Add/Drop Capability <sup>/1//2/</sup>		
i. per subsequent installation		
- per arrangement	NRBS8/NRBS6	ICB
- per OC-3 to DS1 Add/Drop	NRBS8/NRBS6	ICB
- per subsequent installation, per DS1 off OC-12, OC-48	NRBS8/NRBS6	ICB
f. Regenerator		
i. OC-3, OC-12, OC-48 for Subsequent Installation	NRBS5/NRBS5	ICB
g. Shared Network Arrangement		
a. Processing Charge - per Service Order	NRMCL/NRBOP	ICB
h. OC-48 Add/Drop Capability <sup>/3/</sup>		
- per subsequent installation, per arrangement	NRBS8/NRBS6	ICB

(D)  
(D)<sup>/1/</sup> Applicable to 36 Month, 60 Month and Monthly Extension Term Plans.<sup>/2/</sup> The Optical to Electrical Add/Drop Capability is in addition to the Add/Drop Capability charge as set forth in h. preceding.<sup>/3/</sup> Add/Drop charge applies only with the initial installation of node equipped with drop capacity. This charge is applies to all nodes, excluding regenerators.

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	Nonrecurring Charge
7. Nonrecurring Charges (cont'd)		
d. Ports <sup>1/</sup> (cont'd)		
Per port - at OC-48 Node (cont'd)		(C)
- per subsequent installation		
10/100BaseT VCAT Ethernet Port	NRM63/NRBY4	ICB
1000BaseSX VCAT Ethernet Port	NRM65/NRBY5	ICB
1000BaseLX VCAT Ethernet Port	NRM65/NRBY5	ICB
e. Optical to Electrical Add/Drop Capability <sup>1,2/</sup>		(C)
- per subsequent installation		
per arrangement	NRBS8/NRSB6	ICB
per OC-3 to DS1 Add/Drop	NRBS8/NRSB6	ICB
per DS1 off OC-12, OC-48	NRBS8/NRSB6	ICB
f. Regenerator		
OC-3, OC-12, OC-48		
- for subsequent installation	NRBS5/NRSB5	ICB
g. Shared Network Arrangement Processing Charge		
- per Service Order	NRMCL/NRBOP	ICB
h. OC-48 Add/Drop Capability <sup>3/</sup>		
- per subsequent installation,		
per arrangement	NRBS8/NRBS6	ICB

/1/ Applicable to 12 Month, 36 Month<sup>4/</sup>, 60 Month<sup>4/</sup> and Monthly Extension Term Plans. (C)

/2/ The Optical to Electrical Add/Drop Capability is in addition to the Add/Drop Capability charge as set forth in h. preceding.

/3/ Add/Drop charge applies only with the initial installation of node equipped with drop capacity. This charge applies to all nodes, excluding regenerators.

/4/ Effective December 1, 2021, Term Pricing Plan terms greater than 12 months are no longer available for new or renewing subscribers. (N) (N)

## 4. OC-3, OC-12, OC-48 DEDICATED SONET RING SERVICE (cont'd)

## E. RATES AND CHARGES (cont'd)

## 7. NON-RECURRING CHARGES (cont'd)

	<u>USOC</u> <u>CABS/CRIS</u>	<u>Non-Recurring</u> <u>Charge</u>
i. Re-MAP Service		
Initial Service Script Establishment		
Per OC-3 Dedicated Ring	NRMR1/NRMR1	ICB
Per OC-12 Dedicated Ring	NRMR1/NRMR1	ICB
Per OC-48 Dedicated Ring	NRMR1/NRMR1	ICB
Subsequent Script Activity charge		
Per OC-3 Dedicated Ring	NRMR3/NRMR3	ICB
Per OC-12 Dedicated Ring	NRMR3/NRMR3	ICB
Per OC-48 Dedicated Ring	NRMR3/NRMR3	ICB
Scheduled Test charge (per request)		
Per OC-3 Dedicated Ring	NRMR5/NRMR5	ICB
Per OC-12 Dedicated Ring	NRMR5/NRMR5	ICB
Per OC-48 Dedicated Ring	NRMR5/NRMR5	ICB
Emergency Re-Map Activation (per request)		
Per OC-3 Dedicated Ring	NRMR7/NRMR7	ICB
Per OC-12 Dedicated Ring	NRMR7/NRMR7	ICB
Per OC-48 Dedicated Ring	NRMR7/NRMR7	ICB