

Issued: March 17, 2016

FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)

(L) Rates and Charges (Cont'd)

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(This page filed under Transmittal No. 1330.)

Vice President, Federal Regulatory
1300 I Street NW, Washington, D.C. 20005

Issued: March 17, 2016

FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges

(1) Nodes, per node

(Jurisdiction:
Pennsylvania)(D)
(D)

	Special USOC	Switched USOC	Category I Monthly Rate	Initial Nonrecurring Charge
<u>3-Year Term</u>				
<u>4 Channel Node</u>				
– Primary or Expansion Customer Premises				
N-MSA	NNGG3	NBGG3	\$7,500.00	\$1.00
Price Band A	NNGG3	NBGG3	7,500.00	1.00
Price Band B	NNGG3	NBGG3	7,500.00	1.00
Price Band C	NNGG3	NBGG3	7,500.00	1.00
-- Primary or Expansion Central Office				
N-MSA	NNUG3	NBUG3	7,500.00	1.00
Price Band A	NNUG3	NBUG3	7,500.00	1.00
Price Band B	NNUG3	NBUG3	7,500.00	1.00
Price Band C	NNUG3	NBUG3	7,500.00	1.00
<u>16 Channel Node</u>				
– Primary Customer Premises				
N-MSA	NNGE3	NBGE3	\$12,500.00	\$1.00
Price Band A	NNGE3	NBGE3	12,500.00	1.00
Price Band B	NNGE3	NBGE3	12,500.00	1.00
Price Band C	NNGE3	NBGE3	12,500.00	1.00
– Primary Central Office				
N-MSA	NNUE3	NBUE3	12,500.00	1.00
Price Band A	NNUE3	NBUE3	12,500.00	1.00
Price Band B	NNUE3	NBUE3	12,500.00	1.00
Price Band C	NNUE3	NBUE3	12,500.00	1.00
– Expansion Customer Premises				
N-MSA	NNGF3	NBGF3	12,500.00	1.00
Price Band A	NNGF3	NBGF3	12,500.00	1.00
Price Band B	NNGF3	NBGF3	12,500.00	1.00
Price Band C	NNGF3	NBGF3	12,500.00	1.00
– Expansion Central Office				
N-MSA	NNUF3	NBUF3	12,500.00	1.00
Price Band A	NNUF3	NBUF3	12,500.00	1.00
Price Band B	NNUF3	NBUF3	12,500.00	1.00
Price Band C	NNUF3	NBUF3	12,500.00	1.00

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(1) Nodes, per node (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)

	Special USOC	Switched USOC	Category I Monthly Rate	Initial Nonrecurring Charge
<u>5-Year Term</u>				
<u>4 Channel Node</u>				
– Primary or Expansion				
Customer Premises				
N-MSA	NNGG5	NBGG5	\$3,900.00	\$1.00
Price Band A	NNGG5	NBGG5	3,900.00	1.00
Price Band B	NNGG5	NBGG5	3,900.00	1.00
Price Band C	NNGG5	NBGG5	3,900.00	1.00
– Primary or Expansion				
Central Office				
N-MSA	NNUG5	NBUG5	3,900.00	1.00
Price Band A	NNUG5	NBUG5	3,500.00	1.00
Price Band B	NNUG5	NBUG5	3,900.00	1.00
Price Band C	NNUG5	NBUG5	3,900.00	1.00
<u>16 Channel Node</u>				
– Primary Customer Premises				
N-MSA	NNGE5	NBGE5	\$6,500.00	\$1.00
Price Band A	NNGE5	NBGE5	6,500.00	1.00
Price Band B	NNGE5	NBGE5	6,500.00	1.00
Price Band C	NNGE5	NBGE5	6,500.00	1.00
– Primary Central Office				
N-MSA	NNUE5	NBUE5	6,500.00	1.00
Price Band A	NNUE5	NBUE5	6,500.00	1.00
Price Band B	NNUE5	NBUE5	6,500.00	1.00
Price Band C	NNUE5	NBUE5	6,500.00	1.00
– Expansion Customer Premises				
N-MSA	NNGF5	NBGF5	6,500.00	1.00
Price Band A	NNGF5	NBGF5	6,500.00	1.00
Price Band B	NNGF5	NBGF5	6,500.00	1.00
Price Band C	NNGF5	NBGF5	6,500.00	1.00
– Expansion Central Office				
N-MSA	NNUF5	NBUF5	6,500.00	1.00
Price Band A	NNUF5	NBUF5	6,500.00	1.00
Price Band B	NNUF5	NBUF5	6,500.00	1.00
Price Band C	NNUF5	NBUF5	6,500.00	1.00

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(1) Nodes, per node (Cont'd)

(Jurisdiction: Pennsylvania)		Special USOC	Switched USOC	Category I Monthly Rate	Initial Nonrecurring Charge	(D)
						(D)
	<u>7-Year Term</u>					
	<u>4 Channel Node</u>					
	– Primary or Expansion Customer Premises					
	N-MSA	NNGG7	NBGG7	\$3,480.00	\$1.00	
	Price Band A	NNGG7	NBGG7	3,480.00	1.00	
	Price Band B	NNGG7	NBGG7	3,480.00	1.00	
	Price Band C	NNGG7	NBGG7	3,480.00	1.00	
	-- Primary or Expansion Central Office					
	N-MSA	NNUG7	NBUG7	3,480.00	1.00	
	Price Band A	NNUG7	NBUG7	3,480.00	1.00	
	Price Band B	NNUG7	NBUG7	3,480.00	1.00	
	Price Band C	NNUG7	NBUG7	3,480.00	1.00	
	<u>16 Channel Node</u>					
	– Primary Customer Premises					
	N-MSA	NNGE7	NBGE7	\$5,800.00	\$1.00	
	Price Band A	NNGE7	NBGE7	5,800.00	1.00	
	Price Band B	NNGE7	NBGE7	5,800.00	1.00	
	Price Band C	NNGE7	NBGE7	5,800.00	1.00	
	– Primary Central Office					
	N-MSA	NNUE7	NBUE7	5,800.00	1.00	
	Price Band A	NNUE7	NBUE7	5,800.00	1.00	
	Price Band B	NNUE7	NBUE7	5,800.00	1.00	
	Price Band C	NNUE7	NBUE7	5,800.00	1.00	
	– Expansion Customer Premises					
	N-MSA	NNGF7	NBGF7	5,800.00	1.00	
	Price Band A	NNGF7	NBGF7	5,800.00	1.00	
	Price Band B	NNGF7	NBGF7	5,800.00	1.00	
	Price Band C	NNGF7	NBGF7	5,800.00	1.00	
	– Expansion Central Office					
	N-MSA	NNUF7	NBUF7	5,800.00	1.00	
	Price Band A	NNUF7	NBUF7	5,800.00	1.00	
	Price Band B	NNUF7	NBUF7	5,800.00	1.00	
	Price Band C	NNUF7	NBUF7	5,800.00	1.00	

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges

(2) Nodes, per node

(Jurisdiction:
Pennsylvania)(D)
(D)

	Special USOC	Switched USOC	Category II# Monthly Rate	Initial Nonrecurring Charge
<u>3-Year Term</u>				
<u>4 Channel Node</u>				
– Primary or Expansion Customer Premises				
N-MSA	NNGG3	NBGG3	\$8,000.00	\$1.00
Price Band A	NNGG3	NBGG3	8,000.00	1.00
Price Band B	NNGG3	NBGG3	8,000.00	1.00
Price Band C	NNGG3	NBGG3	8,000.00	1.00
-- Primary or Expansion Central Office				
N-MSA	NNUG3	NBUG3	8,000.00	1.00
Price Band A	NNUG3	NBUG3	8,000.00	1.00
Price Band B	NNUG3	NBUG3	8,000.00	1.00
Price Band C	NNUG3	NBUG3	8,000.00	1.00
<u>16 Channel Node</u>				
– Primary Customer Premises				
N-MSA	NNGE3	NBGE3	\$11,130.00	\$1.00
Price Band A	NNGE3	NBGE3	11,130.00	1.00
Price Band B	NNGE3	NBGE3	11,130.00	1.00
Price Band C	NNGE3	NBGE3	11,130.00	1.00
– Primary Central Office				
N-MSA	NNUE3	NBUE3	11,130.00	1.00
Price Band A	NNUE3	NBUE3	11,130.00	1.00
Price Band B	NNUE3	NBUE3	11,130.00	1.00
Price Band C	NNUE3	NBUE3	11,130.00	1.00
– Expansion Customer Premises				
N-MSA	NNGF3	NBGF3	11,130.00	1.00
Price Band A	NNGF3	NBGF3	11,130.00	1.00
Price Band B	NNGF3	NBGF3	11,130.00	1.00
Price Band C	NNGF3	NBGF3	11,130.00	1.00
– Expansion Central Office				
N-MSA	NNUF3	NBUF3	11,130.00	1.00
Price Band A	NNUF3	NBUF3	11,130.00	1.00
Price Band B	NNUF3	NBUF3	11,130.00	1.00
Price Band C	NNUF3	NBUF3	11,130.00	1.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)
(K) Rates and Charges (Cont'd)

(1) Nodes, per node (Cont'd)

(Jurisdiction:
Pennsylvania)

	Special USOC	Switched USOC	Category II# Monthly Rate	Initial Nonrecurring Charge	(D) (D)
<u>5-Year Term</u>					
<u>4 Channel Node</u>					
– Primary or Expansion Customer Premises					
N-MSA	NNGG5	NBGG5	\$6,000.00	\$1.00	
Price Band A	NNGG5	NBGG5	6,000.00	1.00	
Price Band B	NNGG5	NBGG5	6,000.00	1.00	
Price Band C	NNGG5	NBGG5	6,000.00	1.00	
– Primary or Expansion Central Office					
N-MSA	NNUG5	NBUG5	6,000.00	1.00	
Price Band A	NNUG5	NBUG5	6,000.00	1.00	
Price Band B	NNUG5	NBUG5	6,000.00	1.00	
Price Band C	NNUG5	NBUG5	6,000.00	1.00	
<u>16 Channel Node</u>					
– Primary Customer Premises					
N-MSA	NNGE5	NBGE5	\$8,350.00	\$1.00	
Price Band A	NNGE5	NBGE5	8,350.00	1.00	
Price Band B	NNGE5	NBGE5	8,350.00	1.00	
Price Band C	NNGE5	NBGE5	8,350.00	1.00	
– Primary Central Office					
N-MSA	NNUE5	NBUE5	8,350.00	1.00	
Price Band A	NNUE5	NBUE5	8,350.00	1.00	
Price Band B	NNUE5	NBUE5	8,350.00	1.00	
Price Band C	NNUE5	NBUE5	8,350.00	1.00	
– Expansion Customer Premises					
N-MSA	NNGF5	NBGF5	8,350.00	1.00	
Price Band A	NNGF5	NBGF5	8,350.00	1.00	
Price Band B	NNGF5	NBGF5	8,350.00	1.00	
Price Band C	NNGF5	NBGF5	8,350.00	1.00	
– Expansion Central Office					
N-MSA	NNUF5	NBUF5	8,350.00	1.00	
Price Band A	NNUF5	NBUF5	8,350.00	1.00	
Price Band B	NNUF5	NBUF5	8,350.00	1.00	
Price Band C	NNUF5	NBUF5	8,350.00	1.00	

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)
(K) Rates and Charges (Cont'd)

(1) Nodes, per node (Cont'd)

(Jurisdiction:
Pennsylvania)

	Special USOC	Switched USOC	Category II# Monthly Rate	Initial Nonrecurring Charge	(D) (D)
<u>7-Year Term</u>					
<u>4 Channel Node</u>					
- Primary or Expansion					
Customer Premises					
N-MSA	NNGG7	NBGG7	\$5,500.00	\$1.00	
Price Band A	NNGG7	NBGG7	5,500.00	1.00	
Price Band B	NNGG7	NBGG7	5,500.00	1.00	
Price Band C	NNGG7	NBGG7	5,500.00	1.00	
-- Primary or Expansion					
Central Office					
N-MSA	NNUG7	NBUG7	5,500.00	1.00	
Price Band A	NNUG7	NBUG7	5,500.00	1.00	
Price Band B	NNUG7	NBUG7	5,500.00	1.00	
Price Band C	NNUG7	NBUG7	5,500.00	1.00	
<u>16 Channel Node</u>					
- Primary Customer Premises					
N-MSA	NNGE7	NBGE7	\$8,250.00	\$1.00	
Price Band A	NNGE7	NBGE7	8,250.00	1.00	
Price Band B	NNGE7	NBGE7	8,250.00	1.00	
Price Band C	NNGE7	NBGE7	8,250.00	1.00	
- Primary Central Office					
N-MSA	NNUE7	NBUE7	8,250.00	1.00	
Price Band A	NNUE7	NBUE7	8,250.00	1.00	
Price Band B	NNUE7	NBUE7	8,250.00	1.00	
Price Band C	NNUE7	NBUE7	8,250.00	1.00	
- Expansion Customer Premises					
N-MSA	NNGF7	NBGF7	8,250.00	1.00	
Price Band A	NNGF7	NBGF7	8,250.00	1.00	
Price Band B	NNGF7	NBGF7	8,250.00	1.00	
Price Band C	NNGF7	NBGF7	8,250.00	1.00	
- Expansion Central Office					
N-MSA	NNUF7	NBUF7	8,250.00	1.00	
Price Band A	NNUF7	NBUF7	8,250.00	1.00	
Price Band B	NNUF7	NBUF7	8,250.00	1.00	

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(1) Nodes, per node (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)

	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Subsequent Nonrecurring Charge</u>
Subsequent Installation or Augmentation, per 4 Channel or 16 Channel, Primary or Expansion Node			
N-MSA	1CR3S	1CR3U	\$ 1,600.00
Price Band A	1CR3S	1CR3U	1,600.00
Price Band B	1CR3S	1CR3U	1,600.00
Price Band C	1CR3S	1CR3U	1,600.00
Upgrade to 16 Channel Primary or Expansion Node, per 4 Channel Primary or Expansion Node Upgraded			
N-MSA	NRMGT	NRMGS	20,000.00
Price Band A	NRMGT	NRMGS	20,000.00
Price Band B	NRMGT	NRMGS	20,000.00
Price Band C	NRMGT	NRMGS	20,000.00
	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Subsequent Nonrecurring Charge</u>
Subsequent Installation or Augmentation, per 4 Channel or 16 Channel, Primary or Expansion Node			
N-MSA	1CR3S	1CR3U	\$ 1,600.00
Price Band A	1CR3S	1CR3U	1,600.00
Price Band B	1CR3S	1CR3U	1,600.00
Price Band C	1CR3S	1CR3U	1,600.00
Upgrade to 16 Channel Primary or Expansion Node, per 4 Channel Primary or Expansion Node Upgraded			
N-MSA	NRMGT	NRMGS	20,000.00
Price Band A	NRMGT	NRMGS	20,000.00
Price Band B	NRMGT	NRMGS	20,000.00
Price Band C	NRMGT	NRMGS	20,000.00

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Vice President, Federal Regulatory
1300 I Street NW, Washington, DC 20005

Issued: March 17, 2016

FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(2) Ring Mileage, per mile

(Jurisdiction: Pennsylvania)				(D)
		Special <u>USOC</u>	Switched <u>USOC</u>	Category I <u>Monthly Rate</u> (D)
	<u>3-Year Term</u>			
	N-MSA			
	Mile 1 – 20	1H003	1HOS3	\$1,100.00
	Mile 21 and Over	1H00X	1HOSX	520.00
	Price Band A			
	Mile 1 – 20	1H003	1HOS3	1,100.00
	Mile 21 and Over	1H00X	1HOSX	520.00
	Price Band B			
	Mile 1 – 20	1H003	1HOS3	1,100.00
	Mile 21 and Over	1H00X	1HOSX	520.00
	Price Band C			
	Mile 1 – 20	1H003	1HOS3	1,100.00
	Mile 21 and Over	1H00X	1HOSX	520.00

Service availability limited. Refer to # footnote on Page 20-421.

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1300 I Street NW, Washington, DC 20005

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)

(2) Ring Mileage, per mile (Cont'd)

	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Monthly Rate</u>
<u>5-Year Term</u>			
N-MSA			
Mile 1 – 20	1H005	1HOS5	\$639.00
Mile 21 and Over	1H00Y	1HOSY	300.00
Price Band A			
Mile 1 – 20	1H005	1HOS5	639.00
Mile 21 and Over	1H00Y	1HOSY	300.00
Price Band B			
Mile 1 – 20	1H005	1HOS5	639.00
Mile 21 and Over	1H00Y	1HOSY	300.00
Price Band C			
Mile 1 – 20	1H005	1HOS5	639.00
Mile 21 and Over	1H00Y	1HOSY	300.00
<u>7-Year Term</u>			
N-MSA			
Mile 1 – 20	1H007	1HOS7	\$575.00
Mile 21 and Over	1H00Z	1HOSZ	270.00
Price Band A			
Mile 1 – 20	1H007	1HOS7	575.00
Mile 21 and Over	1H00Z	1HOSZ	270.00
Price Band B			
Mile 1 – 20	1H007	1HOS7	575.00
Mile 21 and Over	1H00Z	1HOSZ	270.00
Price Band C			
Mile 1 – 20	1H007	1HOS7	575.00
Mile 21 and Over	1H00Z	1HOSZ	270.00

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # #(Cont'd)

(K) Rates and Charges (Cont'd)

(2) Ring Mileage, per mile (Cont'd)

(Jurisdiction: Pennsylvania)		Special <u>USOC</u>	Switched <u>USOC</u>	Category II# <u>Monthly Rate</u>	(D)
					(D)
	<u>3-Year Term</u>				
	N-MSA				
	Mile 1 – 20	1H003	1HOS3	\$310.00	
	Mile 21 and Over	1H00X	1HOSX	310.00	
	Price Band A				
	Mile 1 – 20	1H003	1HOS3	310.00	
	Mile 21 and Over	1H00X	1HOSX	310.00	
	Price Band B				
	Mile 1 – 20	1H003	1HOS3	310.00	
	Mile 21 and Over	1H00X	1HOSX	310.00	
	Price Band C				
	Mile 1 – 20	1H003	1HOS3	310.00	
	Mile 21 and Over	1H00X	1HOSX	310.00	
		Special <u>USOC</u>	Switched <u>USOC</u>	Category II# <u>Monthly Rate</u>	
	<u>5-Year Term</u>				
	N-MSA				
	Mile 1 – 20	1H005	1HOS5	\$230.00	
	Mile 21 and Over	1H00Y	1HOSY	230.00	
	Price Band A				
	Mile 1 – 20	1H005	1HOS5	230.00	
	Mile 21 and Over	1H00Y	1HOSY	230.00	
	Price Band B				
	Mile 1 – 20	1H005	1HOS5	230.00	
	Mile 21 and Over	1H00Y	1HOSY	230.00	
	Price Band C				
	Mile 1 – 20	1H005	1HOS5	230.00	
	Mile 21 and Over	1H00Y	1HOSY	230.00	

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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Vice President, Federal Regulatory
1300 I Street NW, Washington, DC 20005

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # #(Cont'd)

(K) Rates and Charges (Cont'd)

(2) Ring Mileage, per mile (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)

	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II# Monthly Rate</u>
<u>7-Year Term</u>			
N-MSA			
Mile 1 – 20	1H007	1HOS7	\$225.00
Mile 21 and Over	1H00Z	1HOSZ	225.00
Price Band A			
Mile 1 – 20	1H007	1HOS7	225.00
Mile 21 and Over	1H00Z	1HOSZ	225.00
Price Band B			
Mile 1 – 20	1H007	1HOS7	225.00
Mile 21 and Over	1H00Z	1HOSZ	225.00
Price Band C			
Mile 1 – 20	1H007	1HOS7	225.00
Mile 21 and Over	1H00Z	1HOSZ	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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1300 I Street NW, Washington, DC 20005

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(3) Network Optimization,
per amplification device(Jurisdiction:
Pennsylvania)

	Special USOC	Switched USOC	Category I Monthly Rate	Initial Nonrecurring Charge	(D) (D)
At Node 3-Year Term					
N-MSA	MNOX3	MN2X3	\$5,000.00	\$1.00	
Price Band A	MNOX3	MN2X3	5,000.00	1.00	
Price Band B	MNOX3	MN2X3	5,000.00	1.00	
Price Band C	MNOX3	MN2X3	5,000.00	1.00	
At Node 5-Year Term					
N-MSA	MNOX5	MN2X5	2,650.00	1.00	
Price Band A	MNOX5	MN2X5	2,650.00	1.00	
Price Band B	MNOX5	MN2X5	2,650.00	1.00	
Price Band C	MNOX5	MN2X5	2,650.00	1.00	
At Node 7-Year Term					
N-MSA	MNOX7	MN2X7	2,400.00	1.00	
Price Band A	MNOX7	MN2X7	2,400.00	1.00	
Price Band B	MNOX7	MN2X7	2,400.00	1.00	
Price Band C	MNOX7	MN2X7	2,400.00	1.00	
Mid-span 3-Year Term					
N-MSA	MNOL3	MN2L3	5,400.00	1.00	
Price Band A	MNOL3	MN2L3	5,400.00	1.00	
Price Band B	MNOL3	MN2L3	5,400.00	1.00	
Price Band C	MNOL3	MN2L3	5,400.00	1.00	
Mid-span 5-Year Term					
N-MSA	MNOL5	MN2L5	2,800.00	1.00	
Price Band A	MNOL5	MN2L5	2,800.00	1.00	
Price Band B	MNOL5	MN2L5	2,800.00	1.00	
Price Band C	MNOL5	MN2L5	2,800.00	1.00	
Mid-span 7-year Term					
N-MSA	MNOL7	MN2L7	2,600.00	1.00	
Price Band A	MNOL7	MN2L7	2,600.00	1.00	
Price Band B	MNOL7	MN2L7	2,600.00	1.00	
Price Band C	MNOL7	MN2L7	2,600.00	1.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # #(Cont'd)

(K) Rates and Charges (Cont'd)

(3) Network Optimization,
per amplification device (Cont'd)(Jurisdiction:
Pennsylvania)

	Special <u>USOC</u>	Switched <u>USOC</u>	Category II# Monthly <u>Rate</u>	Initial Nonrecurring <u>Charge</u>	(D) (D)
Mid-span 3-Year Term					
N-MSA	MNOL3	MN2L3	\$6,200.00	\$1.00	
Price Band A	MNOL3	MN2L3	6,200.00	1.00	
Price Band B	MNOL3	MN2L3	6,200.00	1.00	
Price Band C	MNOL3	MN2L3	6,200.00	1.00	
Mid-span 5-Year Term					
N-MSA	MNOL5	MN2L5	4,650.00	1.00	
Price Band A	MNOL5	MN2L5	4,650.00	1.00	
Price Band B	MNOL5	MN2L5	4,650.00	1.00	
Price Band C	MNOL5	MN2L5	4,650.00	1.00	
Mid-span 7-year Term					
N-MSA	MNOL7	MN2L7	4,600.00	1.00	
Price Band A	MNOL7	MN2L7	4,600.00	1.00	
Price Band B	MNOL7	MN2L7	4,600.00	1.00	
Price Band C	MNOL7	MN2L7	4,600.00	1.00	

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(3) Network Optimization,
per amplification device (Cont'd)(Jurisdiction:
Pennsylvania)

(D)

(D)

Subsequent installation, per amplification device	Special <u>USOC</u>	Switched <u>USOC</u>	Category I Nonrecurring <u>Charge</u>
N-MSA	1CR3T	1CR3V	\$1,600.00
Price Band A	1CR3T	1CR3V	1,600.00
Price Band B	1CR3T	1CR3V	1,600.00
Price Band C	1CR3T	1CR3V	1,600.00
Subsequent installation, per amplification device	Special <u>USOC</u>	Switched <u>USOC</u>	Category II Nonrecurring <u>Charge</u>
N-MSA	1CR3T	1CR3V	\$1,600.00
Price Band A	1CR3T	1CR3V	1,600.00
Price Band B	1CR3T	1CR3V	1,600.00
Price Band C	1CR3T	1CR3V	1,600.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface

(a) Monthly Rates

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

			Monthly Rate
<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>3-Year Term</u>
Unprotected SONET OC3/OC3c			
N-MSA	ODUF3	ODXF3*	\$ 850.00
Price Band A	ODUF3	ODXF3*	850.00
Price Band B	ODUF3	ODXF3*	850.00
Price Band C	ODUF3	ODXF3*	850.00
Unprotected SONET OC12/OC12c			
N-MSA	ODUH3	ODXH3*	1,400.00
Price Band A	ODUH3	ODXH3*	1,400.00
Price Band B	ODUH3	ODXH3*	1,400.00
Price Band C	ODUH3	ODXH3*	1,400.00
Unprotected SONET OC48/OC48c			
N-MSA	ODUT3	ODXT3*	3,450.00
Price Band A	ODUT3	ODXT3*	3,450.00
Price Band B	ODUT3	ODXT3*	3,450.00
Price Band C	ODUT3	ODXT3*	3,450.00
Unprotected SONET OC192/OC192c			
N-MSA	ODUV3	ODX13*	5,800.00
Price Band A	ODUV3	ODX13*	5,800.00
Price Band B	ODUV3	ODX13*	5,800.00
Price Band C	ODUV3	ODX13*	5,800.00
Unprotected 1Gbps FICON			
N-MSA	ODUL3		3,450.00
Price Band A	ODUL3		3,450.00
Price Band B	ODUL3		3,450.00
Price Band C	ODUL3		3,450.00

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate</u> <u>3-Year Term</u>
Unprotected 2 Gbps FICON			
N-MSA	ODUW3		3,450.00
Price Band A	ODUW3		3,450.00
Price Band B	ODUW3		3,450.00
Price Band C	ODUW3		3,450.00
Unprotected Fiber Channel			
N-MSA	ODUM3		3,450.00
Price Band A	ODUM3		3,450.00
Price Band B	ODUM3		3,450.00
Price Band C	ODUM3		3,450.00
Unprotected 2Gbps Fiber Channel			
N-MSA	ODUX3		3,450.00
Price Band A	ODUX3		3,450.00
Price Band B	ODUX3		3,450.00
Price Band C	ODUX3		3,450.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>USOC</u>	<u>USOC</u>	Category I	(D)
			<u>Monthly Rate</u> <u>3-Year Term</u>	
Unprotected ETR/CLO				
N-MSA	ODUN3		\$3,450.00	
Price Band A	ODUN3		3,450.00	
Price Band B	ODUN3		3,450.00	
Price Band C	ODUN3		3,450.00	
Unprotected FDDI				
N-MSA	ODUO3		3,450.00	
Price Band A	ODUO3		3,450.00	
Price Band B	ODUO3		3,450.00	
Price Band C	ODUO3		3,450.00	
Unprotected 1.06 Gbps ISC				
N-MSA	ODUP3		3,450.00	
Price Band A	ODUP3		3,450.00	
Price Band B	ODUP3		3,450.00	
Price Band C	ODUP3		3,450.00	
Unprotected 2Gbps ISC3				
N-MSA	ODUY3		3,450.00	
Price Band A	ODUY3		3,450.00	
Price Band B	ODUY3		3,450.00	
Price Band C	ODUY3		3,450.00	
Unprotected Fast Ethernet				
N-MSA	ODUQ3		3,450.00	
Price Band A	ODUQ3		3,450.00	
Price Band B	ODUQ3		3,450.00	
Price Band C	ODUQ3		3,450.00	
Unprotected Gigabit Ethernet				
N-MSA	ODUR3		3,450.00	
Price Band A	ODUR3		3,450.00	
Price Band B	ODUR3		3,450.00	
Price Band C	ODUR3		3,450.00	
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY				
N-MSA	ODUZ3		5,800.00	
Price Band A	ODUZ3		5,800.00	
Price Band B	ODUZ3		5,800.00	
Price Band C	ODUZ3		5,800.00	

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(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
			<u>3-Year Term</u>	(D)
Unprotected D1 Video				
N-MSA	ODUS3		\$3,450.00	
Price Band A	ODUS3		3,450.00	
Price Band B	ODUS3		3,450.00	
Price Band C	ODUS3		3,450.00	
Protected SONET OC3/OC3c				
N-MSA	ODEF3	ODZF3*	1,400.00	
Price Band A	ODEF3	ODZF3*	1,400.00	
Price Band B	ODEF3	ODZF3*	1,400.00	
Price Band C	ODEF3	ODZF3*	1,400.00	
Protected SONET OC12/OC12c				
N-MSA	ODEH3	ODZH3*	1,950.00	
Price Band A	ODEH3	ODZH3*	1,950.00	
Price Band B	ODEH3	ODZH3*	1,950.00	
Price Band C	ODEH3	ODZH3*	1,950.00	
Protected SONET OC48/OC48c				
N-MSA	ODET3	ODZT3*	4,100.00	
Price Band A	ODET3	ODZT3*	4,100.00	
Price Band B	ODET3	ODZT3*	4,100.00	
Price Band C	ODET3	ODZT3*	4,100.00	
Protected SONET OC192/OC192c				
N-MSA	ODEV3		7,000.00	
Price Band A	ODEV3		7,000.00	
Price Band B	ODEV3		7,000.00	
Price Band C	ODEV3		7,000.00	
Unprotected 1Gbps FICON				
N-MSA	ODEL3		4,200.00	
Price Band A	ODEL3		4,200.00	
Price Band B	ODEL3		4,200.00	
Price Band C	ODEL3		4,200.00	

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
Protected 2 Gbps FICON			<u>3-Year Term</u>	
N-MSA	ODEW3		\$4,200.00	
Price Band A	ODEW3		4,200.00	
Price Band B	ODEW3		4,200.00	
Price Band C	ODEW3		4,200.00	
Protected Fiber Channel				
N-MSA	ODEM3		4,200.00	
Price Band A	ODEM3		4,200.00	
Price Band B	ODEM3		4,200.00	
Price Band C	ODEM3		4,200.00	
Protected 2Gbps Fiber Channel				
N-MSA	ODEX3		4,200.00	
Price Band A	ODEX3		4,200.00	
Price Band B	ODEX3		4,200.00	
Price Band C	ODEX3		4,200.00	
Protected FDDI				
N-MSA	ODEO3		4,200.00	
Price Band A	ODEO3		4,200.00	
Price Band B	ODEO3		4,200.00	
Price Band C	ODEO3		4,200.00	
Protected 1.06 Gbps ISC				
N-MSA	ODEP3		4,200.00	
Price Band A	ODEP3		4,200.00	
Price Band B	ODEP3		4,200.00	
Price Band C	ODEP3		4,200.00	
Protected 2Gbps ISC3				
N-MSA	ODEY3		4,200.00	
Price Band A	ODEY3		4,200.00	
Price Band B	ODEY3		4,200.00	
Price Band C	ODEY3		4,200.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service #(Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
Protected Fast Ethernet			<u>3-Year Term</u>	
N-MSA	ODEQ3		\$4,200.00	
Price Band A	ODEQ3		4,200.00	
Price Band B	ODEQ3		4,200.00	
Price Band C	ODEQ3		4,200.00	
Protected Gigabit Ethernet				
N-MSA	ODER3		4,200.00	
Price Band A	ODER3		4,200.00	
Price Band B	ODER3		4,200.00	
Price Band C	ODER3		4,200.00	
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY				
N-MSA	ODEZ3		7,000.00	
Price Band A	ODEZ3		7,000.00	
Price Band B	ODEZ3		7,000.00	
Price Band C	ODEZ3		7,000.00	
Protected D1 Video				
N-MSA	ODES3		4,200.00	
Price Band A	ODES3		4,200.00	
Price Band B	ODES3		4,200.00	
Price Band C	ODES3		4,200.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

			Category I <u>Monthly Rate</u>	(D)
<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>5-Year Term</u>	(D)
Unprotected SONET OC3/OC3c				
N-MSA	ODUF5	ODXF5*	\$ 450.00	
Price Band A	ODUF5	ODXF5*	450.00	
Price Band B	ODUF5	ODXF5*	450.00	
Price Band C	ODUF5	ODXF5*	450.00	
Unprotected SONET OC12/OC12c				
N-MSA	ODUH5	ODXH5*	725.00	
Price Band A	ODUH5	ODXH5*	725.00	
Price Band B	ODUH5	ODXH5*	725.00	
Price Band C	ODUH5	ODXH5*	725.00	
Unprotected SONET OC48/OC48c				
N-MSA	ODUT5	ODXT5*	1,870.00	
Price Band A	ODUT5	ODXT5*	1,870.00	
Price Band B	ODUT5	ODXT5*	1,870.00	
Price Band C	ODUT5	ODXT5*	1,870.00	
Unprotected SONET OC192/OC192c				
N-MSA	ODUV5	ODX15*	4,100.00	
Price Band A	ODUV5	ODX15*	4,100.00	
Price Band B	ODUV5	ODX15*	4,100.00	
Price Band C	ODUV5	ODX15*	4,100.00	
Unprotected 1Gbps FICON				
N-MSA	ODUL5		1,800.00	
Price Band A	ODUL5		1,800.00	
Price Band B	ODUL5		1,800.00	
Price Band C	ODUL5		1,800.00	
Unprotected 2 Gbps FICON				
N-MSA	ODUW5		1,900.00	
Price Band A	ODUW5		1,900.00	
Price Band B	ODUW5		1,900.00	
Price Band C	ODUW5		1,900.00	

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
			<u>5-Year Term</u>	
Unprotected Fiber Channel				
N-MSA	ODUM5		\$1,800.00	
Price Band A	ODUM5		1,800.00	
Price Band B	ODUM5		1,800.00	
Price Band C	ODUM5		1,800.00	
Unprotected 2 Gbps Fiber Channel				
N-MSA	ODUX5		1,900.00	
Price Band A	ODUX5		1,900.00	
Price Band B	ODUX5		1,900.00	
Price Band C	ODUX5		1,900.00	
Unprotected ETR/CLO				
N-MSA	ODUN5		1,800.00	
Price Band A	ODUN5		1,800.00	
Price Band B	ODUN5		1,800.00	
Price Band C	ODUN5		1,800.00	
Unprotected FDDI				
N-MSA	ODUO5		1,800.00	
Price Band A	ODUO5		1,800.00	
Price Band B	ODUO5		1,800.00	
Price Band C	ODUO5		1,800.00	
Unprotected 1.06 Gbps ISC				
N-MSA	ODUP5		1,800.00	
Price Band A	ODUP5		1,800.00	
Price Band B	ODUP5		1,800.00	
Price Band C	ODUP5		1,800.00	

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(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	<u>5-Year Term</u>
			<u>Monthly Rate</u>	
Unprotected 2Gbps ISC3				
N-MSA	ODUY5		\$1,900.00	
Price Band A	ODUY5		1,900.00	
Price Band B	ODUY5		1,900.00	
Price Band C	ODUY5		1,900.00	
Unprotected Fast Ethernet				
N-MSA	ODUQ5		1,800.00	
Price Band A	ODUQ5		1,800.00	
Price Band B	ODUQ5		1,800.00	
Price Band C	ODUQ5		1,800.00	
Unprotected Gigabit Ethernet				
N-MSA	ODUR5		1,800.00	
Price Band A	ODUR5		1,800.00	
Price Band B	ODUR5		1,800.00	
Price Band C	ODUR5		1,800.00	
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY				
N-MSA	ODUZ5		4,100.00	
Price Band A	ODUZ5		4,100.00	
Price Band B	ODUZ5		4,100.00	
Price Band C	ODUZ5		4,100.00	
Unprotected D1 Video				
N-MSA	ODUS5		1,800.00	
Price Band A	ODUS5		1,800.00	
Price Band B	ODUS5		1,800.00	
Price Band C	ODUS5		1,800.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
Protected SONET OC3/OC3c			<u>5-Year Term</u>	
N-MSA	ODEF5	ODZF5*	\$ 725.00	
Price Band A	ODEF5	ODZF5*	725.00	
Price Band B	ODEF5	ODZF5*	725.00	
Price Band C	ODEF5	ODZF5*	725.00	
Protected SONET OC12/OC12c				
N-MSA	ODEH5	ODZH5*	1,000.00	
Price Band A	ODEH5	ODZH5*	1,000.00	
Price Band B	ODEH5	ODZH5*	1,000.00	
Price Band C	ODEH5	ODZH5*	1,000.00	
Protected SONET OC48/OC48c				
N-MSA	ODET5	ODZT5*	2,150.00	
Price Band A	ODET5	ODZT5*	2,150.00	
Price Band B	ODET5	ODZT5*	2,150.00	
Price Band C	ODET5	ODZT5*	2,150.00	
Protected SONET OC192/OC192c				
N-MSA	ODEV5		5,600.00	
Price Band A	ODEV5		5,600.00	
Price Band B	ODEV5		5,600.00	
Price Band C	ODEV5		5,600.00	
Protected 1Gbps FICON				
N-MSA	ODEL5		2,200.00	
Price Band A	ODEL5		2,200.00	
Price Band B	ODEL5		2,200.00	
Price Band C	ODEL5		2,200.00	

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
Protected 2 Gbps FICON			<u>5-Year Term</u>	
N-MSA	ODEW5		\$2,300.00	
Price Band A	ODEW5		2,300.00	
Price Band B	ODEW5		2,300.00	
Price Band C	ODEW5		2,300.00	
Protected Fiber Channel				
N-MSA	ODEM5		2,200.00	
Price Band A	ODEM5		2,200.00	
Price Band B	ODEM5		2,200.00	
Price Band C	ODEM5		2,200.00	
Protected 2 Gbps Fiber Channel				
N-MSA	ODEX5		2,300.00	
Price Band A	ODEX5		2,300.00	
Price Band B	ODEX5		2,300.00	
Price Band C	ODEX5		2,300.00	

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	
Protected FDDI			<u>5-Year Term</u>	
N-MSA	ODEO5		\$2,200.00	
Price Band A	ODEO5		2,200.00	
Price Band B	ODEO5		2,200.00	
Price Band C	ODEO5		2,200.00	
Protected 1.06 Gbps ISC				
N-MSA	ODEP5		2,200.00	
Price Band A	ODEP5		2,200.00	
Price Band B	ODEP5		2,200.00	
Price Band C	ODEP5		2,200.00	
Protected 2Gbps ISC3				
N-MSA	ODEY5		2,300.00	
Price Band A	ODEY5		2,300.00	
Price Band B	ODEY5		2,300.00	
Price Band C	ODEY5		2,300.00	
Protected Fast Ethernet				
N-MSA	ODEQ5		2,200.00	
Price Band A	ODEQ5		2,200.00	
Price Band B	ODEQ5		2,200.00	
Price Band C	ODEQ5		2,200.00	
Protected Gigabit Ethernet				
N-MSA	ODER5		2,200.00	
Price Band A	ODER5		2,200.00	
Price Band B	ODER5		2,200.00	
Price Band C	ODER5		2,200.00	
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY				
N-MSA	ODEZ5		5,600.00	
Price Band A	ODEZ5		5,600.00	
Price Band B	ODEZ5		5,600.00	
Price Band C	ODEZ5		5,600.00	
Protected D1 Video				
N-MSA	ODES5		2,200.00	
Price Band A	ODES5		2,200.00	
Price Band B	ODES5		2,200.00	
Price Band C	ODES5		2,200.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category I	(D)
			<u>Monthly Rate</u>	(D)
			<u>7 -Year Term</u>	
Unprotected SONET OC3/OC3c				
N-MSA	ODUF7	ODXF7*	\$ 400.00	
Price Band A	ODUF7	ODXF7*	400.00	
Price Band B	ODUF7	ODXF7*	400.00	
Price Band C	ODUF7	ODXF7*	400.00	
Unprotected SONET OC12/OC12c				
N-MSA	ODUH7	ODXH7*	650.00	
Price Band A	ODUH7	ODXH7*	650.00	
Price Band B	ODUH7	ODXH7*	650.00	
Price Band C	ODUH7	ODXH7*	650.00	
Unprotected SONET OC48/OC48c				
N-MSA	ODUT7	ODXT7*	1,625.00	
Price Band A	ODUT7	ODXT7*	1,625.00	
Price Band B	ODUT7	ODXT7*	1,625.00	
Price Band C	ODUT7	ODXT7*	1,625.00	
Unprotected SONET OC192/OC192c				
N-MSA	ODUV7	ODX17*	3,250.00	
Price Band A	ODUV7	ODX17*	3,250.00	
Price Band B	ODUV7	ODX17*	3,250.00	
Price Band C	ODUV7	ODX17*	3,250.00	
Unprotected 1Gbps FICON				
N-MSA	ODUL7		1,600.00	
Price Band A	ODUL7		1,600.00	
Price Band B	ODUL7		1,600.00	
Price Band C	ODUL7		1,600.00	

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Unprotected 2 Gbps FICON			
N-MSA	ODUW7		\$1,600.00
Price Band A	ODUW7		1,600.00
Price Band B	ODUW7		1,600.00
Price Band C	ODUW7		1,600.00
Unprotected Fiber Channel			
N-MSA	ODUM7		1,600.00
Price Band A	ODUM7		1,600.00
Price Band B	ODUM7		1,600.00
Price Band C	ODUM7		1,600.00
Unprotected 2 Gbps Fiber Channel			
N-MSA	ODUX7		1,600.00
Price Band A	ODUX7		1,600.00
Price Band B	ODUX7		1,600.00
Price Band C	ODUX7		1,600.00
Unprotected ETR/CLO			
N-MSA	ODUN7		1,600.00
Price Band A	ODUN7		1,600.00
Price Band B	ODUN7		1,600.00
Price Band C	ODUN7		1,600.00
Unprotected FDDI			
N-MSA	ODUO7		1,600.00
Price Band A	ODUO7		1,600.00
Price Band B	ODUO7		1,600.00
Price Band C	ODUO7		1,600.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Unprotected 1.06 Gbps ISC			
N-MSA	ODUP7		\$1,600.00
Price Band A	ODUP7		1,600.00
Price Band B	ODUP7		1,600.00
Price Band C	ODUP7		1,600.00
Unprotected 2Gbps ISC3			
N-MSA	ODUY7		1,600.00
Price Band A	ODUY7		1,600.00
Price Band B	ODUY7		1,600.00
Price Band C	ODUY7		1,600.00
Unprotected Fast Ethernet			
N-MSA	ODUQ7		1,600.00
Price Band A	ODUQ7		1,600.00
Price Band B	ODUQ7		1,600.00
Price Band C	ODUQ7		1,600.00
Unprotected Gigabit Ethernet			
N-MSA	ODUR7		1,600.00
Price Band A	ODUR7		1,600.00
Price Band B	ODUR7		1,600.00
Price Band C	ODUR7		1,600.00
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	ODUZ7		3,250.00
Price Band A	ODUZ7		3,250.00
Price Band B	ODUZ7		3,250.00
Price Band C	ODUZ7		3,250.00
Unprotected D1 Video			
N-MSA	ODUS7		1,600.00
Price Band A	ODUS7		1,600.00
Price Band B	ODUS7		1,600.00
Price Band C	ODUS7		1,600.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Protected SONET OC3/OC3c			
N-MSA	ODEF7	ODZF7*	\$ 650.00
Price Band A	ODEF7	ODZF7*	650.00
Price Band B	ODEF7	ODZF7*	650.00
Price Band C	ODEF7	ODZF7*	650.00
Protected SONET OC12/OC12c			
N-MSA	ODEH7	ODZH7*	900.00
Price Band A	ODEH7	ODZH7*	900.00
Price Band B	ODEH7	ODZH7*	900.00
Price Band C	ODEH7	ODZH7*	900.00
Protected SONET OC48/OC48c			
N-MSA	ODET7	ODZT7*	1,925.00
Price Band A	ODET7	ODZT7*	1,925.00
Price Band B	ODET7	ODZT7*	1,925.00
Price Band C	ODET7	ODZT7*	1,925.00
Protected SONET OC192/OC192c			
N-MSA	ODEV7		4,750.00
Price Band A	ODEV7		4,750.00
Price Band B	ODEV7		4,750.00
Price Band C	ODEV7		4,750.00
Protected 1Gbps FICON			
N-MSA	ODEL7		1,950.00
Price Band A	ODEL7		1,950.00
Price Band B	ODEL7		1,950.00
Price Band C	ODEL7		1,950.00
Protected 2 Gbps FICON			
N-MSA	ODEW7		1,950.00
Price Band A	ODEW7		1,950.00
Price Band B	ODEW7		1,950.00
Price Band C	ODEW7		1,950.00

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Protected Fiber Channel			
N-MSA	ODEM7		\$1,950.00
Price Band A	ODEM7		1,950.00
Price Band B	ODEM7		1,950.00
Price Band C	ODEM7		1,950.00
Protected 2 Gbps Fiber Channel			
N-MSA	ODEX7		1,950.00
Price Band A	ODEX7		1,950.00
Price Band B	ODEX7		1,950.00
Price Band C	ODEX7		1,950.00
Protected FDDI			
N-MSA	ODEO7		1,950.00
Price Band A	ODEO7		1,950.00
Price Band B	ODEO7		1,950.00
Price Band C	ODEO7		1,950.00
Protected 1.06 Gbps ISC			
N-MSA	ODEP7		1,950.00
Price Band A	ODEP7		1,950.00
Price Band B	ODEP7		1,950.00
Price Band C	ODEP7		1,950.00
Protected 2Gbps ISC3			
N-MSA	ODEY7		1,950.00
Price Band A	ODEY7		1,950.00
Price Band B	ODEY7		1,950.00
Price Band C	ODEY7		1,950.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Protected Fast Ethernet			
N-MSA	ODEQ7		\$1,950.00
Price Band A	ODEQ7		1,950.00
Price Band B	ODEQ7		1,950.00
Price Band C	ODEQ7		1,950.00
Protected Gigabit Ethernet			
N-MSA	ODER7		1,950.00
Price Band A	ODER7		1,950.00
Price Band B	ODER7		1,950.00
Price Band C	ODER7		1,950.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	ODEZ7		4,750.00
Price Band A	ODEZ7		4,750.00
Price Band B	ODEZ7		4,750.00
Price Band C	ODEZ7		4,750.00
Protected D1 Video			
N-MSA	ODES7		1,950.00
Price Band A	ODES7		1,950.00
Price Band B	ODES7		1,950.00
Price Band C	ODES7		1,950.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface

(a) Monthly Rates

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category II#	(D)
			<u>Monthly Rate</u>	
			<u>3-Year Term</u>	
Unprotected SONET OC3/OC3c				
N-MSA	ODUF3	ODXF3*	\$ 1,270.00	
Price Band A	ODUF3	ODXF3*	1,270.00	
Price Band B	ODUF3	ODXF3*	1,270.00	
Price Band C	ODUF3	ODXF3*	1,270.00	
Unprotected SONET OC12/OC12c				
N-MSA	ODUH3	ODXH3*	1,400.00	
Price Band A	ODUH3	ODXH3*	1,400.00	
Price Band B	ODUH3	ODXH3*	1,400.00	
Price Band C	ODUH3	ODXH3*	1,400.00	
Unprotected SONET OC48/OC48c				
N-MSA	ODUT3	ODXT3*	2,130.00	
Price Band A	ODUT3	ODXT3*	2,130.00	
Price Band B	ODUT3	ODXT3*	2,130.00	
Price Band C	ODUT3	ODXT3*	2,130.00	
Unprotected SONET OC192/OC192c				
N-MSA	ODUV3	ODX13*	7,330.00	
Price Band A	ODUV3	ODX13*	7,330.00	
Price Band B	ODUV3	ODX13*	7,330.00	
Price Band C	ODUV3	ODX13*	7,330.00	
Unprotected 1Gbps FICON				
N-MSA	ODUL3		2,400.00	
Price Band A	ODUL3		2,400.00	
Price Band B	ODUL3		2,400.00	
Price Band C	ODUL3		2,400.00	

* Concatenation not available on Switched interfaces.

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category II#	(D)
			<u>Monthly Rate</u>	
			<u>3-Year Term</u>	
Unprotected 2 Gbps FICON				
N-MSA	ODUW3		\$2,400.00	
Price Band A	ODUW3		2,400.00	
Price Band B	ODUW3		2,400.00	
Price Band C	ODUW3		2,400.00	
Unprotected Fiber Channel				
N-MSA	ODUM3		2,400.00	
Price Band A	ODUM3		2,400.00	
Price Band B	ODUM3		2,400.00	
Price Band C	ODUM3		2,400.00	
Unprotected 2Gbps Fiber Channel				
N-MSA	ODUX3		2,400.00	
Price Band A	ODUX3		2,400.00	
Price Band B	ODUX3		2,400.00	
Price Band C	ODUX3		2,400.00	
Unprotected ETR/CLO				
N-MSA	ODUN3		2,400.00	
Price Band A	ODUN3		2,400.00	
Price Band B	ODUN3		2,400.00	
Price Band C	ODUN3		2,400.00	
Unprotected FDDI				
N-MSA	ODUO3		2,400.00	
Price Band A	ODUO3		2,400.00	
Price Band B	ODUO3		2,400.00	
Price Band C	ODUO3		2,400.00	

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>USOC</u>	<u>USOC</u>	Category II#	(D)
			<u>Monthly Rate</u> <u>3-Year Term</u>	
Unprotected 1.06 Gbps ISC				
N-MSA	ODUP3		\$2,400.00	
Price Band A	ODUP3		2,400.00	
Price Band B	ODUP3		2,400.00	
Price Band C	ODUP3		2,400.00	
Unprotected 2Gbps ISC3				
N-MSA	ODUY3		2,400.00	
Price Band A	ODUY3		2,400.00	
Price Band B	ODUY3		2,400.00	
Price Band C	ODUY3		2,400.00	
Unprotected Fast Ethernet				
N-MSA	ODUQ3		2,400.00	
Price Band A	ODUQ3		2,400.00	
Price Band B	ODUQ3		2,400.00	
Price Band C	ODUQ3		2,400.00	
Unprotected Gigabit Ethernet				
N-MSA	ODUR3		2,400.00	
Price Band A	ODUR3		2,400.00	
Price Band B	ODUR3		2,400.00	
Price Band C	ODUR3		2,400.00	
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY				
N-MSA	ODUZ3		7,330.00	
Price Band A	ODUZ3		7,330.00	
Price Band B	ODUZ3		7,330.00	
Price Band C	ODUZ3		7,330.00	

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>3-Year Term</u>
Unprotected D1 Video			
N-MSA	ODUS3		\$2,400.00
Price Band A	ODUS3		2,400.00
Price Band B	ODUS3		2,400.00
Price Band C	ODUS3		2,400.00
Protected SONET OC3/OC3c			
N-MSA	ODEF3	ODZF3*	1,600.00
Price Band A	ODEF3	ODZF3*	1,600.00
Price Band B	ODEF3	ODZF3*	1,600.00
Price Band C	ODEF3	ODZF3*	1,600.00
Protected SONET OC12/OC12c			
N-MSA	ODEH3	ODZH3*	2,470.00
Price Band A	ODEH3	ODZH3*	2,470.00
Price Band B	ODEH3	ODZH3*	2,470.00
Price Band C	ODEH3	ODZH3*	2,470.00
Protected SONET OC48/OC48c			
N-MSA	ODET3	ODZT3*	3,330.00
Price Band A	ODET3	ODZT3*	3,330.00
Price Band B	ODET3	ODZT3*	3,330.00
Price Band C	ODET3	ODZT3*	3,330.00
Protected SONET OC192/OC192c			
N-MSA	ODEV3		14,530.00
Price Band A	ODEV3		14,530.00
Price Band B	ODEV3		14,530.00
Price Band C	ODEV3		14,530.00
Protected 1Gbps FICON			
N-MSA	ODEL3		2,930.00
Price Band A	ODEL3		2,930.00
Price Band B	ODEL3		2,930.00
Price Band C	ODEL3		2,930.00

* Concatenation not available on Switched interfaces.

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>3-Year Term</u>
Protected 2 Gbps FICON			
N-MSA	ODEW3		\$4,070.00
Price Band A	ODEW3		4,070.00
Price Band B	ODEW3		4,070.00
Price Band C	ODEW3		4,070.00
Protected Fiber Channel			
N-MSA	ODEM3		2,930.00
Price Band A	ODEM3		2,930.00
Price Band B	ODEM3		2,930.00
Price Band C	ODEM3		2,930.00
Protected 2Gbps Fiber Channel			
N-MSA	ODEX3		4,070.00
Price Band A	ODEX3		4,070.00
Price Band B	ODEX3		4,070.00
Price Band C	ODEX3		4,070.00
Protected FDDI			
N-MSA	ODEO3		2,930.00
Price Band A	ODEO3		2,930.00
Price Band B	ODEO3		2,930.00
Price Band C	ODEO3		2,930.00
Protected 1.06 Gbps ISC			
N-MSA	ODEP3		4,070.00
Price Band A	ODEP3		4,070.00
Price Band B	ODEP3		4,070.00
Price Band C	ODEP3		4,070.00
Protected 2Gbps ISC3			
N-MSA	ODEY3		4,070.00
Price Band A	ODEY3		4,070.00
Price Band B	ODEY3		4,070.00
Price Band C	ODEY3		4,070.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>3-Year Term</u>
Protected Fast Ethernet			
N-MSA	ODEQ3		\$2,930.00
Price Band A	ODEQ3		2,930.00
Price Band B	ODEQ3		2,930.00
Price Band C	ODEQ3		2,930.00
Protected Gigabit Ethernet			
N-MSA	ODER3		2,930.00
Price Band A	ODER3		2,930.00
Price Band B	ODER3		2,930.00
Price Band C	ODER3		2,930.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	ODEZ3		14,530.00
Price Band A	ODEZ3		14,530.00
Price Band B	ODEZ3		14,530.00
Price Band C	ODEZ3		14,530.00
Protected D1 Video			
N-MSA	ODES3		2,930.00
Price Band A	ODES3		2,930.00
Price Band B	ODES3		2,930.00
Price Band C	ODES3		2,930.00

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>5-Year Term</u>
Unprotected SONET OC3/OC3c			
N-MSA	ODUF5	ODXF5*	\$ 950.00
Price Band A	ODUF5	ODXF5*	950.00
Price Band B	ODUF5	ODXF5*	950.00
Price Band C	ODUF5	ODXF5*	950.00
Unprotected SONET OC12/OC12c			
N-MSA	ODUH5	ODXH5*	1,050.00
Price Band A	ODUH5	ODXH5*	1,050.00
Price Band B	ODUH5	ODXH5*	1,050.00
Price Band C	ODUH5	ODXH5*	1,050.00
Unprotected SONET OC48/OC48c			
N-MSA	ODUT5	ODXT5*	1,600.00
Price Band A	ODUT5	ODXT5*	1,600.00
Price Band B	ODUT5	ODXT5*	1,600.00
Price Band C	ODUT5	ODXT5*	1,600.00
Unprotected SONET OC192/OC192c			
N-MSA	ODUV5	ODX15*	5,500.00
Price Band A	ODUV5	ODX15*	5,500.00
Price Band B	ODUV5	ODX15*	5,500.00
Price Band C	ODUV5	ODX15*	5,500.00
Unprotected 1Gbps FICON			
N-MSA	ODUL5		1,800.00
Price Band A	ODUL5		1,800.00
Price Band B	ODUL5		1,800.00
Price Band C	ODUL5		1,800.00
Unprotected 2 Gbps FICON			
N-MSA	ODUW5		1,800.00
Price Band A	ODUW5		1,800.00
Price Band B	ODUW5		1,800.00
Price Band C	ODUW5		1,800.00

* Concatenation not available on Switched interfaces.

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	Category II#	(D)
			<u>Monthly Rate</u>	
			<u>5-Year Term</u>	
Unprotected Fiber Channel				
N-MSA	ODUM5		\$1,800.00	
Price Band A	ODUM5		1,800.00	
Price Band B	ODUM5		1,800.00	
Price Band C	ODUM5		1,800.00	
Unprotected 2 Gbps Fiber Channel				
N-MSA	ODUX5		1,800.00	
Price Band A	ODUX5		1,800.00	
Price Band B	ODUX5		1,800.00	
Price Band C	ODUX5		1,800.00	
Unprotected ETR/CLO				
N-MSA	ODUN5		1,800.00	
Price Band A	ODUN5		1,800.00	
Price Band B	ODUN5		1,800.00	
Price Band C	ODUN5		1,800.00	
Unprotected FDDI				
N-MSA	ODUO5		1,800.00	
Price Band A	ODUO5		1,800.00	
Price Band B	ODUO5		1,800.00	
Price Band C	ODUO5		1,800.00	
Unprotected 1.06 Gbps ISC				
N-MSA	ODUP5		1,800.00	
Price Band A	ODUP5		1,800.00	
Price Band B	ODUP5		1,800.00	
Price Band C	ODUP5		1,800.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

			Category II# <u>Monthly Rate</u>	(D)
<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>5-Year Term</u>	(D)
Unprotected 2Gbps ISC3				
N-MSA	ODUY5		\$1,800.00	
Price Band A	ODUY5		1,800.00	
Price Band B	ODUY5		1,800.00	
Price Band C	ODUY5		1,800.00	
Unprotected Fast Ethernet				
N-MSA	ODUQ5		1,800.00	
Price Band A	ODUQ5		1,800.00	
Price Band B	ODUQ5		1,800.00	
Price Band C	ODUQ5		1,800.00	
Unprotected Gigabit Ethernet				
N-MSA	ODUR5		1,800.00	
Price Band A	ODUR5		1,800.00	
Price Band B	ODUR5		1,800.00	
Price Band C	ODUR5		1,800.00	
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY				
N-MSA	ODUZ5		5,500.00	
Price Band A	ODUZ5		5,500.00	
Price Band B	ODUZ5		5,500.00	
Price Band C	ODUZ5		5,500.00	
Unprotected D1 Video				
N-MSA	ODUS5		1,800.00	
Price Band A	ODUS5		1,800.00	
Price Band B	ODUS5		1,800.00	
Price Band C	ODUS5		1,800.00	

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>5-Year Term</u>
Protected SONET OC3/OC3c			
N-MSA	ODEF5	ODZF5*	\$1,200.00
Price Band A	ODEF5	ODZF5*	1,200.00
Price Band B	ODEF5	ODZF5*	1,200.00
Price Band C	ODEF5	ODZF5*	1,200.00
Protected SONET OC12/OC12c			
N-MSA	ODEH5	ODZH5*	1,850.00
Price Band A	ODEH5	ODZH5*	1,850.00
Price Band B	ODEH5	ODZH5*	1,850.00
Price Band C	ODEH5	ODZH5*	1,850.00
Protected SONET OC48/OC48c			
N-MSA	ODET5	ODZT5*	2,500.00
Price Band A	ODET5	ODZT5*	2,500.00
Price Band B	ODET5	ODZT5*	2,500.00
Price Band C	ODET5	ODZT5*	2,500.00
Protected SONET OC192/OC192c			
N-MSA	ODEV5		10,900.00
Price Band A	ODEV5		10,900.00
Price Band B	ODEV5		10,900.00
Price Band C	ODEV5		10,900.00
Protected 1Gbps FICON			
N-MSA	ODEL5		2,200.00
Price Band A	ODEL5		2,200.00
Price Band B	ODEL5		2,200.00
Price Band C	ODEL5		2,200.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II# Monthly Rate</u>
Protected 2 Gbps FICON			
N-MSA	ODEW5		\$3,050.00
Price Band A	ODEW5		3,050.00
Price Band B	ODEW5		3,050.00
Price Band C	ODEW5		3,050.00
Protected Fiber Channel			
N-MSA	ODEM5		2,200.00
Price Band A	ODEM5		2,200.00
Price Band B	ODEM5		2,200.00
Price Band C	ODEM5		2,200.00
Protected 2 Gbps Fiber Channel			
N-MSA	ODEX5		3,050.00
Price Band A	ODEX5		3,050.00
Price Band B	ODEX5		3,050.00
Price Band C	ODEX5		3,050.00

(D)

(D)

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>5-Year Term</u>
Protected FDDI			
N-MSA	ODEO5		\$2,200.00
Price Band A	ODEO5		2,200.00
Price Band B	ODEO5		2,200.00
Price Band C	ODEO5		2,200.00
Protected 1.06 Gbps ISC			
N-MSA	ODEP5		3,050.00
Price Band A	ODEP5		3,050.00
Price Band B	ODEP5		3,050.00
Price Band C	ODEP5		3,050.00
Protected 2Gbps ISC3			
N-MSA	ODEY5		3,050.00
Price Band A	ODEY5		3,050.00
Price Band B	ODEY5		3,050.00
Price Band C	ODEY5		3,050.00
Protected Fast Ethernet			
N-MSA	ODEQ5		2,200.00
Price Band A	ODEQ5		2,200.00
Price Band B	ODEQ5		2,200.00
Price Band C	ODEQ5		2,200.00
Protected Gigabit Ethernet			
N-MSA	ODER5		2,200.00
Price Band A	ODER5		2,200.00
Price Band B	ODER5		2,200.00
Price Band C	ODER5		2,200.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	ODEZ5		10,900.00
Price Band A	ODEZ5		10,900.00
Price Band B	ODEZ5		10,900.00
Price Band C	ODEZ5		10,900.00
Protected D1 Video			
N-MSA	ODES5		2,200.00
Price Band A	ODES5		2,200.00
Price Band B	ODES5		2,200.00
Price Band C	ODES5		2,200.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Unprotected SONET OC3/OC3c			
N-MSA	ODUF7	ODXF7*	\$ 850.00
Price Band A	ODUF7	ODXF7*	850.00
Price Band B	ODUF7	ODXF7*	850.00
Price Band C	ODUF7	ODXF7*	850.00
Unprotected SONET OC12/OC12c			
N-MSA	ODUH7	ODXH7*	950.00
Price Band A	ODUH7	ODXH7*	950.00
Price Band B	ODUH7	ODXH7*	950.00
Price Band C	ODUH7	ODXH7*	950.00
Unprotected SONET OC48/OC48c			
N-MSA	ODUT7	ODXT7*	1,400.00
Price Band A	ODUT7	ODXT7*	1,400.00
Price Band B	ODUT7	ODXT7*	1,400.00
Price Band C	ODUT7	ODXT7*	1,400.00
Unprotected SONET OC192/OC192c			
N-MSA	ODUV7	ODX17*	5,300.00
Price Band A	ODUV7	ODX17*	5,300.00
Price Band B	ODUV7	ODX17*	5,300.00
Price Band C	ODUV7	ODX17*	5,300.00
Unprotected 1Gbps FICON			
N-MSA	ODUL7		1,600.00
Price Band A	ODUL7		1,600.00
Price Band B	ODUL7		1,600.00
Price Band C	ODUL7		1,600.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Unprotected 2 Gbps FICON			
N-MSA	ODUW7		\$1,600.00
Price Band A	ODUW7		1,600.00
Price Band B	ODUW7		1,600.00
Price Band C	ODUW7		1,600.00
Unprotected Fiber Channel			
N-MSA	ODUM7		1,600.00
Price Band A	ODUM7		1,600.00
Price Band B	ODUM7		1,600.00
Price Band C	ODUM7		1,600.00
Unprotected 2 Gbps Fiber Channel			
N-MSA	ODUX7		1,600.00
Price Band A	ODUX7		1,600.00
Price Band B	ODUX7		1,600.00
Price Band C	ODUX7		1,600.00
Unprotected ETR/CLO			
N-MSA	ODUN7		1,600.00
Price Band A	ODUN7		1,600.00
Price Band B	ODUN7		1,600.00
Price Band C	ODUN7		1,600.00
Unprotected FDDI			
N-MSA	ODUO7		1,600.00
Price Band A	ODUO7		1,600.00
Price Band B	ODUO7		1,600.00
Price Band C	ODUO7		1,600.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Unprotected 1.06 Gbps ISC			
N-MSA	ODUP7		\$1,600.00
Price Band A	ODUP7		1,600.00
Price Band B	ODUP7		1,600.00
Price Band C	ODUP7		1,600.00
Unprotected 2Gbps ISC3			
N-MSA	ODUY7		1,600.00
Price Band A	ODUY7		1,600.00
Price Band B	ODUY7		1,600.00
Price Band C	ODUY7		1,600.00
Unprotected Fast Ethernet			
N-MSA	ODUQ7		1,600.00
Price Band A	ODUQ7		1,600.00
Price Band B	ODUQ7		1,600.00
Price Band C	ODUQ7		1,600.00
Unprotected Gigabit Ethernet			
N-MSA	ODUR7		1,600.00
Price Band A	ODUR7		1,600.00
Price Band B	ODUR7		1,600.00
Price Band C	ODUR7		1,600.00
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	ODUZ7		5,300.00
Price Band A	ODUZ7		5,300.00
Price Band B	ODUZ7		5,300.00
Price Band C	ODUZ7		5,300.00
Unprotected D1 Video			
N-MSA	ODUS7		1,600.00
Price Band A	ODUS7		1,600.00
Price Band B	ODUS7		1,600.00
Price Band C	ODUS7		1,600.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7-Year Term</u>
Protected SONET OC3/OC3c			
N-MSA	ODEF7	ODZF7*	\$1,100.00
Price Band A	ODEF7	ODZF7*	1,100.00
Price Band B	ODEF7	ODZF7*	1,100.00
Price Band C	ODEF7	ODZF7*	1,100.00
Protected SONET OC12/OC12c			
N-MSA	ODEH7	ODZH7*	1,750.00
Price Band A	ODEH7	ODZH7*	1,750.00
Price Band B	ODEH7	ODZH7*	1,750.00
Price Band C	ODEH7	ODZH7*	1,750.00
Protected SONET OC48/OC48c			
N-MSA	ODET7	ODZT7*	2,300.00
Price Band A	ODET7	ODZT7*	2,300.00
Price Band B	ODET7	ODZT7*	2,300.00
Price Band C	ODET7	ODZT7*	2,300.00
Protected SONET OC192/OC192c			
N-MSA	ODEV7		10,700.00
Price Band A	ODEV7		10,700.00
Price Band B	ODEV7		10,700.00
Price Band C	ODEV7		10,700.00
Protected 1Gbps FICON			
N-MSA	ODEL7		1,950.00
Price Band A	ODEL7		1,950.00
Price Band B	ODEL7		1,950.00
Price Band C	ODEL7		1,950.00
Protected 2 Gbps FICON			
N-MSA	ODEW7		3,000.00
Price Band A	ODEW7		3,000.00
Price Band B	ODEW7		3,000.00
Price Band C	ODEW7		3,000.00

* Concatenation not available on Switched interfaces.

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>7 -Year Term</u>
Protected Fiber Channel			
N-MSA	ODEM7		\$1,950.00
Price Band A	ODEM7		1,950.00
Price Band B	ODEM7		1,950.00
Price Band C	ODEM7		1,950.00
Protected 2 Gbps Fiber Channel			
N-MSA	ODEX7		3,000.00
Price Band A	ODEX7		3,000.00
Price Band B	ODEX7		3,000.00
Price Band C	ODEX7		3,000.00
Protected FDDI			
N-MSA	ODEO7		1,950.00
Price Band A	ODEO7		1,950.00
Price Band B	ODEO7		1,950.00
Price Band C	ODEO7		1,950.00
Protected 1.06 Gbps ISC			
N-MSA	ODEP7		3,000.00
Price Band A	ODEP7		3,000.00
Price Band B	ODEP7		3,000.00
Price Band C	ODEP7		3,000.00
Protected 2Gbps ISC3			
N-MSA	ODEY7		3,000.00
Price Band A	ODEY7		3,000.00
Price Band B	ODEY7		3,000.00
Price Band C	ODEY7		3,000.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II# Monthly Rate</u>
Protected Fast Ethernet			
N-MSA	ODEQ7		\$ 1,950.00
Price Band A	ODEQ7		1,950.00
Price Band B	ODEQ7		1,950.00
Price Band C	ODEQ7		1,950.00
Protected Gigabit Ethernet			
N-MSA	ODER7		1,950.00
Price Band A	ODER7		1,950.00
Price Band B	ODER7		1,950.00
Price Band C	ODER7		1,950.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	ODEZ7		10,700.00
Price Band A	ODEZ7		10,700.00
Price Band B	ODEZ7		10,700.00
Price Band C	ODEZ7		10,700.00
Protected D1 Video			
N-MSA	ODES7		1,950.00
Price Band A	ODES7		1,950.00
Price Band B	ODES7		1,950.00
Price Band C	ODES7		1,950.00

(D)

(D)

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected SONET OC3/OC3c			
N-MSA	1CR10	1CR3F*	\$1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected SONET OC12/OC12c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected SONET OC48/OC48c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected SONET OC192/OC192c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected 1Gbps FICON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected 2Gbps FICON			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected 2Gbps Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected ETR/CLO			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected 1.06 Gbps ISC			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected 2Gbps ISC3			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected Gigabit Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected D1 Video			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected SONET OC3/OC3c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F**	1.00
Protected SONET OC12/OC12c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Protected SONET OC48/OC48c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Protected SONET OC192/OC192c			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Protected 1Gbps FICON			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 2Gbps FICON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 2Gbps Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Protected 1.06 Gbps ISC			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 2Gbps ISC3			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected Gigabit Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected SONET OC3/OC3c			
N-MSA	1CR10	1CR3F*	\$1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected SONET OC12/OC12c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected SONET OC48/OC48c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected SONET OC192/OC192c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Unprotected 1Gbps FICON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected 2Gbps FICON			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected 2Gbps Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected ETR/CLO			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania,
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected 1.06 Gbps ISC			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected 2Gbps ISC3			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected Gigabit Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania,
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected D1 Video			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected SONET OC3/OC3c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F**	1.00
Protected SONET OC12/OC12c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Protected SONET OC48/OC48c			
N-MSA	1CR10	1CR3F*	1.00
Price Band A	1CR10	1CR3F*	1.00
Price Band B	1CR10	1CR3F*	1.00
Price Band C	1CR10	1CR3F*	1.00
Protected SONET OC192/OC192c			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Protected 1Gbps FICON			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 2Gbps FICON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 2Gbps Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Initial Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Protected 1.06 Gbps ISC			
N-MSA	1CR10		\$1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 2Gbps ISC3			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected Gigabit Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Protected D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected SONET OC3/OC3c			
N-MSA	1CR2K	1CR3M*	\$1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected SONET OC12/OC12c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected SONET OC48/C48c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected SONET OC192/192c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected 1Gbps FICON			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected 2Gbps FICON			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected 2Gbps Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected ETR/CLO			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected FDDI			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected 1.06 Gbps ISC			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected 2Gbps ISC3			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected Fast Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected Gigabit Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected D1 Video			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected SONET OC3/OC3c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Protected SONET OC12/OC12c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Protected SONET OC48/OC48c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Protected SONET OC192/OC192c			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Protected 1Gbps FICON			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 2Gbps FICON			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 2 Gbps Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected FDDI			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Protected 1.06 Gbps ISC			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 2Gbps ISC3			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected Fast Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected Gigabit Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected D1 Video			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)
(K) Rates and Charges (Cont'd)(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected SONET OC3/OC3c			
N-MSA	1CR2K	1CR3M*	\$1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected SONET OC12/OC12c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected SONET OC48/C48c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected SONET OC192/192c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Unprotected 1Gbps FICON			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

* Concatenation not available on Switched interfaces.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania,
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected 2Gbps FICON			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected 2Gbps Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected ETR/CLO			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected FDDI			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected 1.06 Gbps ISC			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected 2Gbps ISC3			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected Fast Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected Gigabit Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Unprotected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected D1 Video			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected SONET OC3/OC3c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Protected SONET OC12/OC12c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Protected SONET OC48/OC48c			
N-MSA	1CR2K	1CR3M*	1.00
Price Band A	1CR2K	1CR3M*	1.00
Price Band B	1CR2K	1CR3M*	1.00
Price Band C	1CR2K	1CR3M*	1.00
Protected SONET OC192/OC192c			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

* Concatenation not available on Switched interfaces.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Protected 1Gbps FICON			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 2Gbps FICON			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 2 Gbps Fiber Channel			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected FDDI			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(4) Point-to-Point Optical Transport Channels
Single-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Subsequent Installation Charges,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Protected 1.06 Gbps ISC			
N-MSA	1CR2K		\$1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 2Gbps ISC3			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected Fast Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected Gigabit Ethernet			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected 10 Gigabit Ethernet LAN-PHY/WAN-PHY			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00
Protected D1 Video			
N-MSA	1CR2K		1.00
Price Band A	1CR2K		1.00
Price Band B	1CR2K		1.00
Price Band C	1CR2K		1.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi Port Interface

(a) Monthly Rates

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>3-Year Term</u>
Unprotected Multi-port Facility		
N-MSA	OM8X3	\$4,700.00
Price Band A	OM8X3	4,700.00
Price Band B	OM8X3	4,700.00
Price Band C	OM8X3	4,700.00
Unprotected Multi-port Channels		
-Unprotected ESCON		
N-MSA	OM9K3	225.00
Price Band A	OM9K3	225.00
Price Band B	OM9K3	225.00
Price Band C	OM9K3	225.00
-Unprotected Fiber Channel		
N-MSA	OM9M3	225.00
Price Band A	OM9M3	225.00
Price Band B	OM9M3	225.00
Price Band C	OM9M3	225.00
-Unprotected FDDI		
N-MSA	OM9O3	225.00
Price Band A	OM9O3	225.00
Price Band B	OM9O3	225.00
Price Band C	OM9O3	225.00
-Unprotected Fast Ethernet		
N-MSA	OM9Q3	225.00
Price Band A	OM9Q3	225.00
Price Band B	OM9Q3	225.00
Price Band C	OM9Q3	225.00
-Unprotected D1 Video		
N-MSA	OM9S3	225.00
Price Band A	OM9S3	225.00
Price Band B	OM9S3	225.00
Price Band C	OM9S3	225.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>3-Year Term</u>
Protected Multi-port Facility		
N-MSA	OM5X3	\$5,700.00
Price Band A	OM5X3	5,700.00
Price Band B	OM5X3	5,700.00
Price Band C	OM5X3	5,700.00
Protected Multi-port Channels		
-Protected ESCON		
N-MSA	OM6K3	225.00
Price Band A	OM6K3	225.00
Price Band B	OM6K3	225.00
Price Band C	OM6K3	225.00
-Protected Fiber Channel		
N-MSA	OM6M3	225.00
Price Band A	OM6M3	225.00
Price Band B	OM6M3	225.00
Price Band C	OM6M3	225.00
-Protected FDDI		
N-MSA	OM6O3	225.00
Price Band A	OM6O3	225.00
Price Band B	OM6O3	225.00
Price Band C	OM6O3	225.00
-Protected Fast Ethernet		
N-MSA	OM6Q3	225.00
Price Band A	OM6Q3	225.00
Price Band B	OM6Q3	225.00
Price Band C	OM6Q3	225.00
-Protected D1 Video		
N-MSA	OM6S3	225.00
Price Band A	OM6S3	225.00
Price Band B	OM6S3	225.00
Price Band C	OM6S3	225.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>5-Year Term</u>
Unprotected Multi-port Facility		
N-MSA	OM8X5	\$2,500.00
Price Band A	OM8X5	2,500.00
Price Band B	OM8X5	2,500.00
Price Band C	OM8X5	2,500.00
Unprotected Multi-port Channels		
-Unprotected ESCON		
N-MSA	OM9K5	225.00
Price Band A	OM9K5	225.00
Price Band B	OM9K5	225.00
Price Band C	OM9K5	225.00
-Unprotected Fiber Channel		
N-MSA	OM9M5	225.00
Price Band A	OM9M5	225.00
Price Band B	OM9M5	225.00
Price Band C	OM9M5	225.00
-Unprotected FDDI		
N-MSA	OM9O5	225.00
Price Band A	OM9O5	225.00
Price Band B	OM9O5	225.00
Price Band C	OM9O5	225.00
-Unprotected Fast Ethernet		
N-MSA	OM9Q5	225.00
Price Band A	OM9Q5	225.00
Price Band B	OM9Q5	225.00
Price Band C	OM9Q5	225.00
-Unprotected D1 Video		
N-MSA	OM9S5	225.00
Price Band A	OM9S5	225.00
Price Band B	OM9S5	225.00
Price Band C	OM9S5	225.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>5-Year Term</u>
Protected Multi-port Facility		
N-MSA	OM5X5	\$3,000.00
Price Band A	OM5X5	3,000.00
Price Band B	OM5X5	3,000.00
Price Band C	OM5X5	3,000.00
Protected Multi-port Channels		
-Protected ESCON		
N-MSA	OM6K5	225.00
Price Band A	OM6K5	225.00
Price Band B	OM6K5	225.00
Price Band C	OM6K5	225.00
-Protected Fiber Channel		
N-MSA	OM6M5	225.00
Price Band A	OM6M5	225.00
Price Band B	OM6M5	225.00
Price Band C	OM6M5	225.00
-Protected FDDI		
N-MSA	OM6O5	225.00
Price Band A	OM6O5	225.00
Price Band B	OM6O5	225.00
Price Band C	OM6O5	225.00
-Protected Fast Ethernet		
N-MSA	OM6Q5	225.00
Price Band A	OM6Q5	225.00
Price Band B	OM6Q5	225.00
Price Band C	OM6Q5	225.00
-Protected D1 Video		
N-MSA	OM6S5	225.00
Price Band A	OM6S5	225.00
Price Band B	OM6S5	225.00
Price Band C	OM6S5	225.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>7-Year Term</u>
Unprotected Multi-port Facility		
N-MSA	OM8X7	\$2,200.00
Price Band A	OM8X7	2,200.00
Price Band B	OM8X7	2,200.00
Price Band C	OM8X7	2,200.00
Unprotected Multi-port Channels		
-Unprotected ESCON		
N-MSA	OM9K7	225.00
Price Band A	OM9K7	225.00
Price Band B	OM9K7	225.00
Price Band C	OM9K7	225.00
-Unprotected Fiber Channel		
N-MSA	OM9M7	225.00
Price Band A	OM9M7	225.00
Price Band B	OM9M7	225.00
Price Band C	OM9M7	225.00
-Unprotected FDDI		
N-MSA	OM9O7	225.00
Price Band A	OM9O7	225.00
Price Band B	OM9O7	225.00
Price Band C	OM9O7	225.00
-Unprotected Fast Ethernet		
N-MSA	OM9Q7	225.00
Price Band A	OM9Q7	225.00
Price Band B	OM9Q7	225.00
Price Band C	OM9Q7	225.00
-Unprotected D1 Video		
N-MSA	OM9S7	225.00
Price Band A	OM9S7	225.00
Price Band B	OM9S7	225.00
Price Band C	OM9S7	225.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category I
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>7-Year Term</u>
Protected Multi-port Facility		
N-MSA	OM5X7	\$2,700.00
Price Band A	OM5X7	2,700.00
Price Band B	OM5X7	2,700.00
Price Band C	OM5X7	2,700.00
Protected Multi-port Channels		
-Protected ESCON		
N-MSA	OM6K7	225.00
Price Band A	OM6K7	225.00
Price Band B	OM6K7	225.00
Price Band C	OM6K7	225.00
-Protected Fiber Channel		
N-MSA	OM6M7	225.00
Price Band A	OM6M7	225.00
Price Band B	OM6M7	225.00
Price Band C	OM6M7	225.00
-Protected FDDI		
N-MSA	OM6O7	225.00
Price Band A	OM6O7	225.00
Price Band B	OM6O7	225.00
Price Band C	OM6O7	225.00
-Protected Fast Ethernet		
N-MSA	OM6Q7	225.00
Price Band A	OM6Q7	225.00
Price Band B	OM6Q7	225.00
Price Band C	OM6Q7	225.00
-Protected D1 Video		
N-MSA	OM6S7	225.00
Price Band A	OM6S7	225.00
Price Band B	OM6S7	225.00
Price Band C	OM6S7	225.00

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi Port Interface

(a) Monthly Rates

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>3-Year Term</u>
Unprotected Multi-port Facility		
N-MSA	OM8X3	\$3,330.00
Price Band A	OM8X3	3,330.00
Price Band B	OM8X3	3,330.00
Price Band C	OM8X3	3,330.00
Unprotected Multi-port Channels		
-Unprotected ESCON		
N-MSA	OM9K3	225.00
Price Band A	OM9K3	225.00
Price Band B	OM9K3	225.00
Price Band C	OM9K3	225.00
-Unprotected Fiber Channel		
N-MSA	OM9M3	225.00
Price Band A	OM9M3	225.00
Price Band B	OM9M3	225.00
Price Band C	OM9M3	225.00
-Unprotected FDDI		
N-MSA	OM9O3	225.00
Price Band A	OM9O3	225.00
Price Band B	OM9O3	225.00
Price Band C	OM9O3	225.00
-Unprotected Fast Ethernet		
N-MSA	OM9Q3	225.00
Price Band A	OM9Q3	225.00
Price Band B	OM9Q3	225.00
Price Band C	OM9Q3	225.00
-Unprotected D1 Video		
N-MSA	OM9S3	225.00
Price Band A	OM9S3	225.00
Price Band B	OM9S3	225.00
Price Band C	OM9S3	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>3-Year Term</u>
Protected Multi-port Facility		
N-MSA	OM5X3	\$4,000.00
Price Band A	OM5X3	4,000.00
Price Band B	OM5X3	4,000.00
Price Band C	OM5X3	4,000.00
Protected Multi-port Channels		
-Protected ESCON		
N-MSA	OM6K3	225.00
Price Band A	OM6K3	225.00
Price Band B	OM6K3	225.00
Price Band C	OM6K3	225.00
-Protected Fiber Channel		
N-MSA	OM6M3	225.00
Price Band A	OM6M3	225.00
Price Band B	OM6M3	225.00
Price Band C	OM6M3	225.00
-Protected FDDI		
N-MSA	OM6O3	225.00
Price Band A	OM6O3	225.00
Price Band B	OM6O3	225.00
Price Band C	OM6O3	225.00
-Protected Fast Ethernet		
N-MSA	OM6Q3	225.00
Price Band A	OM6Q3	225.00
Price Band B	OM6Q3	225.00
Price Band C	OM6Q3	225.00
-Protected D1 Video		
N-MSA	OM6S3	225.00
Price Band A	OM6S3	225.00
Price Band B	OM6S3	225.00
Price Band C	OM6S3	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>5-Year Term</u>
Unprotected Multi-port Facility		
N-MSA	OM8X5	\$2,500.00
Price Band A	OM8X5	2,500.00
Price Band B	OM8X5	2,500.00
Price Band C	OM8X5	2,500.00
Unprotected Multi-port Channels		
-Unprotected ESCON		
N-MSA	OM9K5	225.00
Price Band A	OM9K5	225.00
Price Band B	OM9K5	225.00
Price Band C	OM9K5	225.00
-Unprotected Fiber Channel		
N-MSA	OM9M5	225.00
Price Band A	OM9M5	225.00
Price Band B	OM9M5	225.00
Price Band C	OM9M5	225.00
-Unprotected FDDI		
N-MSA	OM9O5	225.00
Price Band A	OM9O5	225.00
Price Band B	OM9O5	225.00
Price Band C	OM9O5	225.00
-Unprotected Fast Ethernet		
N-MSA	OM9Q5	225.00
Price Band A	OM9Q5	225.00
Price Band B	OM9Q5	225.00
Price Band C	OM9Q5	225.00
-Unprotected D1 Video		
N-MSA	OM9S5	225.00
Price Band A	OM9S5	225.00
Price Band B	OM9S5	225.00
Price Band C	OM9S5	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>5-Year Term</u>
Protected Multi-port Facility		
N-MSA	OM5X5	\$3,000.00
Price Band A	OM5X5	3,000.00
Price Band B	OM5X5	3,000.00
Price Band C	OM5X5	3,000.00
Protected Multi-port Channels		
-Protected ESCON		
N-MSA	OM6K5	225.00
Price Band A	OM6K5	225.00
Price Band B	OM6K5	225.00
Price Band C	OM6K5	225.00
-Protected Fiber Channel		
N-MSA	OM6M5	225.00
Price Band A	OM6M5	225.00
Price Band B	OM6M5	225.00
Price Band C	OM6M5	225.00
-Protected FDDI		
N-MSA	OM6O5	225.00
Price Band A	OM6O5	225.00
Price Band B	OM6O5	225.00
Price Band C	OM6O5	225.00
-Protected Fast Ethernet		
N-MSA	OM6Q5	225.00
Price Band A	OM6Q5	225.00
Price Band B	OM6Q5	225.00
Price Band C	OM6Q5	225.00
-Protected D1 Video		
N-MSA	OM6S5	225.00
Price Band A	OM6S5	225.00
Price Band B	OM6S5	225.00
Price Band C	OM6S5	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>7-Year Term</u>
Unprotected Multi-port Facility		
N-MSA	OM8X7	\$2,200.00
Price Band A	OM8X7	2,200.00
Price Band B	OM8X7	2,200.00
Price Band C	OM8X7	2,200.00
Unprotected Multi-port Channels		
-Unprotected ESCON		
N-MSA	OM9K7	225.00
Price Band A	OM9K7	225.00
Price Band B	OM9K7	225.00
Price Band C	OM9K7	225.00
-Unprotected Fiber Channel		
N-MSA	OM9M7	225.00
Price Band A	OM9M7	225.00
Price Band B	OM9M7	225.00
Price Band C	OM9M7	225.00
-Unprotected FDDI		
N-MSA	OM9O7	225.00
Price Band A	OM9O7	225.00
Price Band B	OM9O7	225.00
Price Band C	OM9O7	225.00
-Unprotected Fast Ethernet		
N-MSA	OM9Q7	225.00
Price Band A	OM9Q7	225.00
Price Band B	OM9Q7	225.00
Price Band C	OM9Q7	225.00
-Unprotected D1 Video		
N-MSA	OM9S7	225.00
Price Band A	OM9S7	225.00
Price Band B	OM9S7	225.00
Price Band C	OM9S7	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(a) Monthly Rates (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

Category II#
Monthly Rate

(D)

<u>Interface Type</u>	<u>USOC</u>	<u>7-Year Term</u>
Protected Multi-port Facility		
N-MSA	OM5X7	\$2,700.00
Price Band A	OM5X7	2,700.00
Price Band B	OM5X7	2,700.00
Price Band C	OM5X7	2,700.00
Protected Multi-port Channels		
-Protected ESCON		
N-MSA	OM6K7	225.00
Price Band A	OM6K7	225.00
Price Band B	OM6K7	225.00
Price Band C	OM6K7	225.00
-Protected Fiber Channel		
N-MSA	OM6M7	225.00
Price Band A	OM6M7	225.00
Price Band B	OM6M7	225.00
Price Band C	OM6M7	225.00
-Protected FDDI		
N-MSA	OM6O7	225.00
Price Band A	OM6O7	225.00
Price Band B	OM6O7	225.00
Price Band C	OM6O7	225.00
-Protected Fast Ethernet		
N-MSA	OM6Q7	225.00
Price Band A	OM6Q7	225.00
Price Band B	OM6Q7	225.00
Price Band C	OM6Q7	225.00
-Protected D1 Video		
N-MSA	OM6S7	225.00
Price Band A	OM6S7	225.00
Price Band B	OM6S7	225.00
Price Band C	OM6S7	225.00

Category II rates are not eligible for the discounts applied under Contract Tariff Options 5 or 9 as set forth in Section 21 following.

Service availability limited. Refer to # footnote on Page 20-421.

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FACILITIES FOR INTERSTATE ACCESS

20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges

(Jurisdiction:
Pennsylvania)(D)
(D)(1) Initial Installation Charge,
per optical transport channel

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected Multi-Port Facility			
N-MSA	1CR3Z		\$1.00
Price Band A	1CR3Z		1.00
Price Band B	1CR3Z		1.00
Price Band C	1CR3Z		1.00
Unprotected Multi-Port Channel			
ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)(1) Initial Installation Charge,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Protected Multi-Port Facility			
N-MSA	1CR3Y		\$1.00
Price Band A	1CR3Y		1.00
Price Band B	1CR3Y		1.00
Price Band C	1CR3Y		1.00
Protected Multi-Port Channel			
-ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)(1) Initial Installation Charge,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected Multi-Port Facility			
N-MSA	1CR3Z		\$1.00
Price Band A	1CR3Z		1.00
Price Band B	1CR3Z		1.00
Price Band C	1CR3Z		1.00
Unprotected Multi-Port Channel			
ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)(1) Initial Installation Charge,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Protected Multi-Port Facility			
N-MSA	1CR3Y		\$1.00
Price Band A	1CR3Y		1.00
Price Band B	1CR3Y		1.00
Price Band C	1CR3Y		1.00
Protected Multi-Port Channel			
-ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)

(D)

(D)

(2) Subsequent Installation Charge,
per optical transport channel

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Unprotected Multi-Port Facility			
N-MSA	1CR3X		\$1.00
Price Band A	1CR3X		1.00
Price Band B	1CR3X		1.00
Price Band C	1CR3X		1.00
Unprotected Multi-Port Channel			
-ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)(2) Subsequent Installation Charge,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category I Nonrecurring Charge</u>
Protected Multi-Port Facility			
N-MSA	1CR3W		\$1.00
Price Band A	1CR3W		1.00
Price Band B	1CR3W		1.00
Price Band C	1CR3W		1.00
Protected Multi-Port Channel			
-ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)

(D)

(D)

(2) Subsequent Installation Charge,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Unprotected Multi-Port Facility			
N-MSA	1CR3X		\$1.00
Price Band A	1CR3X		1.00
Price Band B	1CR3X		1.00
Price Band C	1CR3X		1.00
Unprotected Multi-Port Channel			
-ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(K) Rates and Charges (Cont'd)

(5) Optical Transport Channels
Multi-Port Interface (Cont'd)

(b) Nonrecurring Charges (Cont'd)

(Jurisdiction:
Pennsylvania)(D)
(D)(2) Subsequent Installation Charge,
per optical transport channel (Cont'd)

<u>Interface Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Category II Nonrecurring Charge</u>
Protected Multi-Port Facility			
N-MSA	1CR3W		\$1.00
Price Band A	1CR3W		1.00
Price Band B	1CR3W		1.00
Price Band C	1CR3W		1.00
Protected Multi-Port Channel			
-ESCON			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fiber Channel			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-FDDI			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-Fast Ethernet			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00
-D1 Video			
N-MSA	1CR10		1.00
Price Band A	1CR10		1.00
Price Band B	1CR10		1.00
Price Band C	1CR10		1.00

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(L) Network Management Methods (Cont'd)

(3) Rates and Charges, Customer Service management Optional Feature (CSM)

(Jurisdiction:

(D)

Pennsylvania and Virginia)

(D)

(a) CSM, per primary ring	<u>USOC</u>	<u>Monthly Rate</u>
3 year	NMTCX	\$450.00
5 year	NMTCX	450.00
7 year	NMTCX	450.00
Customized Reports	(NOTE)	ICB
	<u>USOC</u>	<u>Nonrecurring Charge</u>
(b) Node Setup, per node (pri & exp) on the ring equipped during initial CSM Method establishment	NRMHB	\$200.00
(c) Initial CSM Method Setup, first partition with up to 6 users	NRMHD	500.00
(d) Setup of Additional CSM Method Partition	NRMHE	500.00
(e) Setup of Additional Users, up to 6 additional users	NRMHF	350.00
(f) Add/Remove Node, per primary or expansion node added to, or removed from, the CSM ring subsequent to initial establishment or for a Change in Network Management Method	NRMHC	200.00
(g) Consultation and Support, each 30 minutes or fraction thereof	NRMHG	100.00
(h) Change Network Management Method from CSM to DTM, per node	NRMR9	200.00

NOTE USOC to be assigned with the associated ICB.

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20. Optical Networking (Cont'd)20.1 IntelliLight® Optical Transport Service # (Cont'd)

(L) Network Management Methods (Cont'd)

(4) Rates and Charges, Direct TL1 Monitoring Optional Feature (DTM)

(Jurisdiction:

(D)

Pennsylvania and Virginia)

(D)

(a) DTM, per primary ring

USOCMonthly Rate

3 year

NMTDX

\$450.00

5 year

NMTDX

450.00

7 year

NMTDX

450.00

USOCNonrecurring
Charge(b) Node Setup, primary or expansion node on the
ring equipped during initial establishment

NRFDP

\$200.00

(c) Initial DTM Setup, first partition with up to 6 users

NRFDQ

500.00

(d) Add/Remove Node, per primary or expansion
node added to, or removed from, the DTM ring
subsequent to initial establishment or for a Change
In Network Management method

NRFDR

200.00

(e) Consultation and Support,
each 30 minutes or fraction thereof

NRFDS

100.00

(f.) Change Network Management Method,
from DTM to CSM, per node

NRM9

200.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges

(1) Enhanced node

(a) Monthly Rates, per Enhanced node

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Enhanced Node Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
OC3	SSLD3	SSXD3	
Price Band A			\$ 1,330.00
Price Band B			1,330.00
Price Band C			1,330.00
N-MSA			1,330.00
OC12	SSLA3	SSXA3	
Price Band A			2,900.00
Price Band B			2,900.00
Price Band C			2,900.00
N-MSA			2,900.00
OC48	SSLB3	SSXB3	
Price Band A			4,800.00
Price Band B			4,800.00
Price Band C			4,800.00
N-MSA			4,800.00
OC192	SSLC3	SSXC3	
Price Band A			10,000.00
Price Band B			10,000.00
Price Band C			10,000.00
N-MSA			10,000.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(1) Enhanced node(Cont'd)

(a) Monthly Rates, per Enhanced node (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Enhanced Node Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC3	SSLD5	SSXD5	
Price Band A			\$1,290.00
Price Band B			1,290.00
Price Band C			1,290.00
N-MSA			1,290.00
OC12	SSLA5	SSXA5	
Price Band A			2,700.00
Price Band B			2,700.00
Price Band C			2,700.00
N-MSA			2,700.00
OC48	SSLB5	SSXB5	
Price Band A			4,604.00
Price Band B			4,604.00
Price Band C			4,604.00
N-MSA			4,604.00
OC192	SSLC5	SSXC5	
Price Band A			9,200.00
Price Band B			9,200.00
Price Band C			9,200.00
N-MSA			9,200.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(1) Enhanced node(Cont'd)

(a) Monthly Rates, per Enhanced node (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Enhanced Node Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC3	SSLD7	SSXD7	
Price Band A			\$1,186.00
Price Band B			1,186.00
Price Band C			1,186.00
N-MSA			1,186.00
OC12	SSLA7	SSXA7	
Price Band A			2,430.00
Price Band B			2,430.00
Price Band C			2,430.00
N-MSA			2,430.00
OC48	SSLB7	SSXB7	
Price Band A			4,143.00
Price Band B			4,143.00
Price Band C			4,143.00
N-MSA			4,143.00
OC192	SSLC7	SSXC7	
Price Band A			8,280.00
Price Band B			8,280.00
Price Band C			8,280.00
N-MSA			8,280.00

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20. Optical Networking (Cont'd)

20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(1) Enhanced node(Cont'd)

(D)

(D)

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

- (2) Mileage - Monthly Rates
-
- per mile between enhanced nodes

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Ring Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
OC3	1A7AS	1YWAS	
Price Band A			\$ 325.00
Price Band B			325.00
Price Band C			325.00
N-MSA			325.00
OC12	1A7BS	1YWBS	
Price Band A			335.00
Price Band B			335.00
Price Band C			335.00
N-MSA			335.00
OC48	1A7CS	1YWCS	
Price Band A			450.00
Price Band B			450.00
Price Band C			450.00
N-MSA			450.00
OC192	1YASS	1YAVS	
Price Band A			1,390.00
Price Band B			1,390.00
Price Band C			1,390.00
N-MSA			1,390.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

- (2) Mileage - Monthly Rates (Cont'd)
-
- per mile between enhanced nodes

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Ring Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC3	1A7DS	1YWDS	
Price Band A			\$ 300.00
Price Band B			300.00
Price Band C			300.00
N-MSA			300.00
OC12	1A7ES	1YWES	
Price Band A			320.00
Price Band B			320.00
Price Band C			320.00
N-MSA			320.00
OC48	1A7FS	1YWFS	
Price Band A			420.00
Price Band B			420.00
Price Band C			420.00
N-MSA			420.00
OC192	1YATS	1YAWS	
Price Band A			1,279.00
Price Band B			1,279.00
Price Band C			1,279.00
N-MSA			1,279.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(2) Mileage - Monthly Rates (Cont'd)
- per mile between enhanced nodes(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Ring Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC3	1YWSS	1YWTS	
Price Band A			\$ 275.00
Price Band B			275.00
Price Band C			275.00
N-MSA			275.00
OC12	1YWVS	1YWWS	
Price Band A			300.00
Price Band B			300.00
Price Band C			300.00
N-MSA			300.00
OC48	1YWZS	1YW1S	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
OC192	1YAUS	1YAYS	
Price Band A			1,215.00
Price Band B			1,215.00
Price Band C			1,215.00
N-MSA			1,215.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
DS1 at OC3 Node	SPRAX	S8JAX	
Price Band A			\$28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 At OC12 Node	S9QUX	S8LUX	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC48 Node	S9QVX	S8LVX	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC192 Node	S9QWX	S8LWX	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
DS3 or STS1at OC3 Node	SPRBX	S8JBX	
Price Band A			\$115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC12 Node	SPRCX	S8JCX	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC48 Node	SPRDX	S8JDX	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC192 Node	SPRXX	S8JXX	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
DS3 Transmux at OC3 Node*	S9Q2X	S8L2X	
Price Band A			\$400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC12 Node	S9QYX	S8LYX	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC48 Node	S9QZX	S8LZX	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC192 Node	S9Q1X	S8L1X	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
OC3 at OC12 Node	SPREX	S8JEX	
Price Band A			\$343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC48 Node	SPRFX	S8JFX	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC192 Node	S9NEM	S8KEM	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
OC3c at OC12 Node	SPROX		
Price Band A			\$274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC48 Node	SPRPX		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC192 Node	S9NFM		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
OC12 at OC48 Node	SPRHX	S8JHX	
Price Band A			\$642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12 at OC192 Node	S9NGM	S8KGM	
Price Band A			642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12c at OC48 Node	SPRZX		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00
OC12c at OC192 Node	S9NHM		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
OC48 at OC192 Node	S9NJM	S8KJM	
Price Band A			\$1,400.00
Price Band B			1,400.00
Price Band C			1,400.00
N-MSA			1,400.00
OC48c at OC192 Node	S9NKM		
Price Band A			1,200.00
Price Band B			1,200.00
Price Band C			1,200.00
N-MSA			1,200.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
Gigabit Ethernet			
GigE1 at OC3 Node *	S9Q3X		
Price Band A			\$230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC12 Node	S9QCX		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC48 Node	S9QDX		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC192 Node	S9QEX		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE3 at OC12 Node	S9QFX		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC48 Node	S9QHX		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC192 Node	S9QJX		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
GigE6 at OC12 Node	S9QKX		
Price Band A			\$455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC48 Node	S9QLX		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC192 Node	S9QMX		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE9 at OC12 Node	S9QNX		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC48 Node	S9QOX		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate M-to-M</u>
GigE9 at OC192 Node	S9QPX		
Price Band A			\$535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE12 at OC48 Node	S9QQX		
Price Band A			645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE12 at OC192 Node	S9QRX		
Price Band A			645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE24 at OC48 Node	S9QSX		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00
GigE24 at OC192 Node	S9QTX		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
DS1 at OC3 Node	SPRA3	S8JA3	
Price Band A			\$28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC12 Node	S9QU3	S8LU3	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC48 Node	S9QV3	S8LV3	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC192 Node	S9QW3	S8LW3	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
DS3 or STS1at OC3 Node	SPRB3	S8JB3	
Price Band A			\$115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC12 Node	SPRC3	S8JC3	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC48 Node	SPRD3	S8JD3	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC192 Node	SPRX3	S8JX3	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
DS3 Transmux at OC3 Node*	S9Q23	S8L23	
Price Band A			\$400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC12 Node	S9QY3	S8LY3	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC48 Node	S9QZ3	S8LZ3	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC192 Node	S9Q13	S8L13	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
OC3 at OC12 Node	SPRE3	S8JE3	
Price Band A			\$343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC48 Node	SPRF3	S8JF3	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC192 Node	S9NE3	S8KE3	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	Special <u>USOC</u>	Switched <u>USOC</u>	Monthly Rate <u>3-Year Term</u>
OC3c at OC12 Node	SPRO3		
Price Band A			\$274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC48 Node	SPRP3		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC192 Node	S9NF3		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

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(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
OC12 at OC48 Node	SPRH3	S8JH3	
Price Band A			\$642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12 at OC192 Node	S9NG3	S8KG3	
Price Band A			642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12c at OC48 Node	SPRZ3		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00
OC12c at OC192 Node	S9NH3		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00

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(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
OC48 at OC192 Node	S9NJ3	S8KJ3	
Price Band A			\$1,400.00
Price Band B			1,400.00
Price Band C			1,400.00
N-MSA			1,400.00
OC48c at OC192 Node	S9NK3		
Price Band A			1,200.00
Price Band B			1,200.00
Price Band C			1,200.00
N-MSA			1,200.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
Gigabit Ethernet			
GigE1 at OC3 Node*	S9Q33		
Price Band A			\$230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC12 Node	S9QC3		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC48 Node	S9QD3		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC192 Node	S9QE3		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE3 at OC12 Node	S9QF3		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC48 Node	S9QH3		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC192 Node	S9QJ3		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
GigE6 at OC12 Node	S9QK3		
Price Band A			\$455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC48 Node	S9QL3		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC192 Node	S9QM3		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE9 at OC12 Node	S9QN3		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC48 Node	S9QO3		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC192 Node	S9QP3		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 3-Year Term</u>
GigE12 at OC48 Node	S9QQ3		
Price Band A			\$645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE12 at OC192 Node	S9QR3		
Price Band A			645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE24 at OC48 Node	S9QS3		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00
GigE24 at OC192 Node	S9QT3		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
DS1 at OC3 Node	SPRA5	S8JA5	
Price Band A			\$28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 At OC12 Node	S9QU5	S8LU5	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC48 Node	S9QV5	S8LV5	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC192 Node	S9QW5	S8LW5	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
DS3 or STS1at OC3 Node	SPRB5	S8JB5	
Price Band A			\$115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC12 Node	SPRC5	S8JC5	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC48 Node	SPRD5	S8JD5	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC192 Node	SPRX5	S8JX5	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
DS3 Transmux at OC3 Node*	S9Q25	S8L25	
Price Band A			\$400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC12 Node	S9QY5	S8LY5	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC48 Node	S9QZ5	S8LZ5	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC192 Node	S9Q15	S8L15	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC3 at OC12 Node	SPRE5	S8JE5	
Price Band A			\$343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC48 Node	SPRF5	S8JF5	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC192 Node	S9NE5	S8KE5	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC3c at OC12 Node	SPRO5		
Price Band A			\$274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC48 Node	SPRP5		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC192 Node	S9NF5		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC12 at OC48 Node	SPRH5	S8JH5	
Price Band A			\$642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12 at OC192 Node	S9NG5	S8KG5	
Price Band A			642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12c at OC48 Node	SPRZ5		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00
OC12c at OC192 Node	S9NH5		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC48 at OC192 Node	S9NJ5	S8KJ5	
Price Band A			\$1,400.00
Price Band B			1,400.00
Price Band C			1,400.00
N-MSA			1,400.00
OC48c at OC192 Node	S9NK5		
Price Band A			1,200.00
Price Band B			1,200.00
Price Band C			1,200.00
N-MSA			1,200.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
Gigabit Ethernet			
GigE1 at OC3 Node*	S9Q35		
Price Band A			\$230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC12 Node	S9QC5		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC48 Node	S9QD5		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC192 Node	S9QE5		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE3 at OC12 Node	S9QF5		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC48 Node	S9QH5		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC192 Node	S9QJ5		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
GigE6 at OC12 Node	S9QK5		
Price Band A			\$455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC48 Node	S9QL5		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC192 Node	S9QM5		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE9 at OC12 Node	S9QN5		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC48 Node	S9QO5		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC192 Node	S9QP5		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 5-Year Term</u>
GigE12 at OC48 Node	S9QQ5		
Price Band A			\$645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE12 at OC192 Node	S9QR5		
Price Band A			645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE24 at OC48 Node	S9QS5		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00
GigE24 at OC192 Node	S9QT5		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
DS1 at OC3 Node	SPRA7	S8JA7	
Price Band A			\$28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 At OC12 Node	S9QU7	S8LU7	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC48 Node	S9QV7	S8LV7	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00
DS1 at OC192 Node	S9QW7	S8LW7	
Price Band A			28.00
Price Band B			28.00
Price Band C			28.00
N-MSA			28.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
DS3 or STS1at OC3 Node	SPRB7	S8JB7	
Price Band A			\$115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC12 Node	SPRC7	S8JC7	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC48 Node	SPRD7	S8JD7	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00
DS3 or STS1 at OC192 Node	SPRX7	S8JX7	
Price Band A			115.00
Price Band B			115.00
Price Band C			115.00
N-MSA			115.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
DS3 Transmux at OC3 Node*	S9Q27	S8L27	
Price Band A			\$400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC12 Node	S9QY7	S8LY7	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC48 Node	S9QZ7	S8LZ7	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00
DS3 Transmux at OC192 Node	S9Q17	S8L17	
Price Band A			400.00
Price Band B			400.00
Price Band C			400.00
N-MSA			400.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC3 at OC12 Node	SPRE7	S8JE7	
Price Band A			\$343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC48 Node	SPRF7	S8JF7	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00
OC3 at OC192 Node	S9NE7	S8KE7	
Price Band A			343.00
Price Band B			343.00
Price Band C			343.00
N-MSA			343.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC3c at OC12 Node	SPRO7		
Price Band A			\$274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC48 Node	SPRP7		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00
OC3c at OC192 Node	S9NF7		
Price Band A			274.00
Price Band B			274.00
Price Band C			274.00
N-MSA			274.00

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(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC12 at OC48 Node	SPRH7	S8JH7	
Price Band A			\$642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12 at OC192 Node	S9NG7	S8KG7	
Price Band A			642.00
Price Band B			642.00
Price Band C			642.00
N-MSA			642.00
OC12c at OC48 Node	SPRZ7		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00
OC12c at OC192 Node	S9NH7		
Price Band A			514.00
Price Band B			514.00
Price Band C			514.00
N-MSA			514.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC48 at OC192 Node	S9NJ7	S8KJ7	
Price Band A			\$1,400.00
Price Band B			1,400.00
Price Band C			1,400.00
N-MSA			1,400.00
OC48c at OC192 Node	S9NK7		
Price Band A			1,200.00
Price Band B			1,200.00
Price Band C			1,200.00
N-MSA			1,200.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
Gigabit Ethernet			
GigE1 at OC3 Node*	S9Q37		
Price Band A			\$230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC12 Node	S9QC7		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC48 Node	S9QD7		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE1 at OC192 Node	S9QE7		
Price Band A			230.00
Price Band B			230.00
Price Band C			230.00
N-MSA			230.00
GigE3 at OC12 Node	S9QF7		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC48 Node	S9QH7		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00
GigE3 at OC192 Node	S9QJ7		
Price Band A			345.00
Price Band B			345.00
Price Band C			345.00
N-MSA			345.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
GigE6 at OC12 Node	S9QK7		
Price Band A			\$455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC48 Node	S9QL7		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE6 at OC192 Node	S9QM7		
Price Band A			455.00
Price Band B			455.00
Price Band C			455.00
N-MSA			455.00
GigE9 at OC12 Node	S9QN7		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC48 Node	S9QO7		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00
GigE9 at OC192 Node	S9QP7		
Price Band A			535.00
Price Band B			535.00
Price Band C			535.00
N-MSA			535.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(3) Ports – Monthly Rates (Cont'd)
per Enhanced node(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>Monthly Rate 7-Year Term</u>
GigE12 at OC48 Node	S9QQ7		
Price Band A			\$645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE12 at OC192 Node	S9QR7		
Price Band A			645.00
Price Band B			645.00
Price Band C			645.00
N-MSA			645.00
GigE24 at OC48 Node	S9QS7		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00
GigE24 at OC192 Node	S9QT7		
Price Band A			880.00
Price Band B			880.00
Price Band C			880.00
N-MSA			880.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges

(a) Initial Installation Charges: Month-to-Month ports only

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
DS1 at OC3 Node	NRMAD	NRMAE		
Price Band A			\$525.00	\$210.00
Price Band B			525.00	210.00
Price Band C			525.00	210.00
N-MSA			525.00	210.00
DS1 at OC12 Node	NRM31	NRM32		
Price Band A			525.00	210.00
Price Band B			525.00	210.00
Price Band C			525.00	210.00
N-MSA			525.00	210.00
DS1 at OC48 Node	NRM33	NRM34		
Price Band A			525.00	210.00
Price Band B			525.00	210.00
Price Band C			525.00	210.00
N-MSA			525.00	210.00
DS1 at OC192 Node	NRM35	NRM36		
Price Band A			525.00	210.00
Price Band B			525.00	210.00
Price Band C			525.00	210.00
N-MSA			525.00	210.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
DS3 or STS1 at OC3 Node	NRMAF	NRMAG		
Price Band A			\$805.00	\$343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
DS3 or STS1 at OC12 Node	NRMAH	NRMAJ		
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
DS3 or STS1 at OC48 Node	NRMAK	NRMAL		
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
DS3 or STS1 at OC192 Node	NRMA7	NRMA6		
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
DS3 Transmux at OC3 Node*				
Price Band A	1CRE2		\$805.00	\$343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
Price Band A		1CRE5	805.00	210.00
Price Band B			805.00	210.00
Price Band C			805.00	210.00
N-MSA			805.00	210.00
DS3 Transmux at OC12 Node				
Price Band A	NRM8X		805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
Price Band A		NRM8Y	805.00	210.00
Price Band B			805.00	210.00
Price Band C			805.00	210.00
N-MSA			805.00	210.00
DS3 Transmux at OC48 Node				
Price Band A	NRM8Z		805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
Price Band A		NRM81	805.00	210.00
Price Band B			805.00	210.00
Price Band C			805.00	210.00
N-MSA			805.00	210.00
DS3 Transmux at OC192 Node				
Price Band A	NRM83		805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
Price Band A		NRM82	805.00	210.00
Price Band B			805.00	210.00
Price Band C			805.00	210.00
N-MSA			805.00	210.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
OC3 at OC12 Node	NRMAM	NRMAN		
Price Band A			\$805.00	\$343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
OC3 at OC48 Node	NRMAO	NRMAO		
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
OC3 at OC192 Node	NRB47	NRB45		
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
OC3c at OC12 Node	NRMAT			
Price Band A			\$805.00	\$343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
OC3c at OC48 Node	NRMAU			
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00
OC3c at OC192 Node	NRB46			
Price Band A			805.00	343.00
Price Band B			805.00	343.00
Price Band C			805.00	343.00
N-MSA			805.00	343.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
OC12 at OC48 Node	NRMAQ	NRMAR		
Price Band A			\$767.00	\$327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
OC12 at OC192 Node	NRB48	NRB5G		
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
OC12c at OC48 Node	NRMAV			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
OC12c at OC192 Node	NRB49			
Price Band A			\$767.00	\$327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
OC48 at OC192 Node	NRMJ4	NRMJ4		
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
OC48c at OC192 Node	NRMJ6			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
Gigabit Ethernet				
GigE1 at OC3 Node*	1CRE3			
Price Band A			\$767.00	\$327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE1 at OC12 Node	1CR4C			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE1 at OC48 Node	1CR4E			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE1 at OC192 Node	1CR4G			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE3 at OC12 Node	1CR4J			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE3 at OC48 Node	1CR4L			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE3 at OC192 Node	1CR4N			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
GigE6 at OC12 Node	1CR4P			
Price Band A			\$767.00	\$327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE6 at OC48 Node	1CR4R			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE6 at OC192 Node	1CR4T			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE9 at OC12 Node	1CR4V			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE9 at OC48 Node	1CR4X			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE9 at OC192 Node	1CR4Z			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(4) Ports – Nonrecurring Charges (Cont'd)

(a) Initial Installation Charges: Month-to-Month ports only (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Type</u>	<u>Special USOC</u>	<u>Switched USOC</u>	<u>First</u>	<u>Additional</u>
GigE12 at OC48 Node	1CR42			
Price Band A			\$767.00	\$327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE12 at OC192 Node	1CR44			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE24 at OC48 Node	1CR46			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00
GigE24 at OC192 Node	1CR48			
Price Band A			767.00	327.00
Price Band B			767.00	327.00
Price Band C			767.00	327.00
N-MSA			767.00	327.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(5) Partial Ring

(a) Pass-Through Interface, - per interface

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Pass-Through Interface Type</u>	<u>Special USOC</u>	<u>Monthly Rate 3-Year Term</u>
OC3	NWUM3	
Price Band A		\$ 1,330.00
Price Band B		1,330.00
Price Band C		1,330.00
N-MSA		1,330.00
OC12	NWUP3	
Price Band A		2,900.00
Price Band B		2,900.00
Price Band C		2,900.00
N-MSA		2,900.00
OC48	NWUT3	
Price Band A		4,800.00
Price Band B		4,800.00
Price Band C		4,800.00
N-MSA		4,800.00
OC192	NWUU3	
Price Band A		10,000.00
Price Band B		10,000.00
Price Band C		10,000.00
N-MSA		10,000.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(5) Partial Ring (Cont'd)

(a) Pass-Through Interface, - per interface (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Pass-Through Interface Type</u>	<u>Special USOC</u>	<u>Monthly Rate 5-Year Term</u>
OC3	NWUM5	
Price Band A		\$1,290.00
Price Band B		1,290.00
Price Band C		1,290.00
N-MSA		1,290.00
OC12	NWUP5	
Price Band A		2,700.00
Price Band B		2,700.00
Price Band C		2,700.00
N-MSA		2,700.00
OC48	NWUT5	
Price Band A		4,604.00
Price Band B		4,604.00
Price Band C		4,604.00
N-MSA		4,604.00
OC192	NWUU5	
Price Band A		9,200.00
Price Band B		9,200.00
Price Band C		9,200.00
N-MSA		9,200.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(5) Partial Ring (Cont'd)

(a) Pass-Through Interface, - per interface (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Pass-Through Interface Type</u>	<u>Special USOC</u>	<u>Monthly Rate 7-Year Term</u>
OC3	NWUM7	
Price Band A		\$1,186.00
Price Band B		1,186.00
Price Band C		1,186.00
N-MSA		1,186.00
OC12	NWUP7	
Price Band A		2,430.00
Price Band B		2,430.00
Price Band C		2,430.00
N-MSA		2,430.00
OC48	NWUT7	
Price Band A		4,143.00
Price Band B		4,143.00
Price Band C		4,143.00
N-MSA		4,143.00
OC192	NWUU7	
Price Band A		8,280.00
Price Band B		8,280.00
Price Band C		8,280.00
N-MSA		8,280.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(5) Partial Ring (Cont'd)

(b) Channel Mapping, per channel mapped on a partial ring

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Channel Type</u>	<u>Special USOC</u>	<u>Nonrecurring Charge</u>
DS1	NRMUF	
Price Band A		\$150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
DS3 or STS1	NRMUG	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
OC3	NRMUH	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
OC3c	NRMUJ	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
OC12	NRMUK	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(5) Partial Ring (Cont'd)

(b) Channel Mapping, per channel mapped on a partial ring

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Channel Type</u>	<u>Special USOC</u>	<u>Nonrecurring Charge</u>
OC12c	NRMUL	
Price Band A		\$150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
OC48	NRMUM	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
OC48c	NRMUN	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
GigE1	NRMUQ	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
GigE3	NRMUR	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates & Charges (Cont'd)

(5) Partial Ring (Cont'd)

(b) Channel Mapping, per channel mapped on a partial ring

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Channel Type</u>	<u>Special USOC</u>	<u>Nonrecurring Charge</u>
GigE6	NRMUS	
Price Band A		\$150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
GigE9	NRMUT	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
GigE12	NRMUU	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00
GigE24	NRMUV	
Price Band A		150.00
Price Band B		150.00
Price Band C		150.00
N-MSA		150.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(8) Asymmetrical Port Facility (APF)

(a) Monthly Rates, per APF

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Month to Month Billing

<u>APF Type</u>	<u>Special</u>	USOC		<u>Monthly Rate</u>
		<u>Switched</u>		
OC3 APF				
- OC3 Mileage, per mile	1YJ8X	1YJGX		\$ 500.00
- OC3 Channel Extension, each	EOE8X	N7EGX		3,800.00
OC12 APF				
- OC12 Mileage, per mile	1YJ8X	1YJGX		1,000.00
- OC12 Channel Extension, each	EOE8X	N7EGX		7,000.00
OC48 APF				
- OC48 Mileage, per mile	1YJ8X	1YJGX		3,500.00
- OC48 Channel Extension, each	EOE8X	N7EGX		11,000.00

(2) Term Plan Billing

<u>APF Type</u>	<u>Special</u>	USOC		<u>Monthly Rate 3-Year Term</u>
		<u>Switched</u>		
OC3 APF				
- OC3 Mileage, per mile	1YJ83	1YJG3		\$ 375.00
- OC3 Channel Extension, each	EOE83	N7EG3		2,850.00
OC12 APF				
- OC12 Mileage, per mile	1YJ83	1YJG3		750.00
- OC12 Channel Extension, each	EOE83	N7EG3		5,500.00
OC48 APF				
- OC48 Mileage, per mile	1YJ83	1YJG3		2,625.00
- OC48 Channel Extension, each	EOE83	N7EG3		7,500.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(8) Asymmetrical Port Facility (APF) (Cont'd)

(a) Monthly Rates, per APF (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(2) Term Plan Billing (Cont'd)

<u>APF Type</u>	<u>Special</u>	USOC		<u>Monthly Rate 5-Year Term</u>
			<u>Switched</u>	
OC3 APF				
- OC3 Mileage, per mile	1YJ85		1YJG5	\$ 337.50
- OC3 Channel Extension, each	EOE85		N7EG5	2,565.00
OC12 APF				
- OC12 Mileage, per mile	1YJ85		1YJG5	675.00
- OC12 Channel Extension, each	EOE85		N7EG5	4,500.00
OC48 APF				
- OC48 Mileage, per mile	1YJ85		1YJG5	2,362.50
- OC48 Channel Extension, each	EOE85		N7EG5	6,350.00
<u>APF Type</u>	<u>Special</u>	USOC		<u>Monthly Rate 7-Year Term</u>
			<u>Switched</u>	
OC3 APF				
- OC3 Mileage, per mile	1YJ87		1YJG7	\$ 303.75
- OC3 Channel Extension, each	EOE87		N7EG7	2,308.50
OC12 APF				
- OC12 Mileage, per mile	1YJ87		1YJG7	607.50
- OC12 Channel Extension, each	EOE87		N7EG7	4,050.00
OC48 APF				
- OC48 Mileage, per mile	1YJ87		1YJG7	2,126.25
- OC48 Channel Extension, each	EOE87		N7EG7	5,715.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(8) Asymmetrical Port Facility (APF) (Cont'd)

(b) Nonrecurring Charges

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

- (1) APF Mapping Charge,
- per lower capacity channel mapped
between two APFs on the same DSR

<u>Channel Type</u>	<u>Special</u>	USOC		<u>Nonrecurring Charge</u>
		<u>Switched</u>		
All Channel Types	NRFMA	NRFMA		\$500.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(9) Subtending Node Facility (SNF)

(a) Monthly Rates, per SNF extended

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Term Plan Billing

<u>SNF Type</u>	<u>Special</u>	USOC		<u>Monthly Rate 3-Year Term</u>
			<u>Switched</u>	
OC3 SNF				
- OC3 Mileage, per mile	1YJ93		1YJH3	\$ 375.00
- OC3 Channel Extension, each	EOE93		N7EH3	2,850.00
OC12 SNF				
- OC12 Mileage, per mile	1YJ93		1YJH3	750.00
- OC12 Channel Extension, each	EOE93		N7EH3	5,500.00
OC48 SNF				
- OC48 Mileage, per mile	1YJ93		1YJH3	2,625.00
- OC48 Channel Extension, each	EOE93		N7EH3	7,500.00

(2) Term Plan Billing

<u>SNF Type</u>	<u>Special</u>	USOC		<u>Monthly Rate 5-Year Term</u>
			<u>Switched</u>	
OC3 SNF				
- OC3 Mileage, per mile	1YJ95		1YJH5	\$ 337.50
- OC3 Channel Extension, each	EOE95		N7EH5	2,565.00
OC12 SNF				
- OC12 Mileage, per mile	1YJ95		1YJH5	675.00
- OC12 Channel Extension, each	EOE95		N7EH5	4,500.00
OC48 SNF				
- OC48 Mileage, per mile	1YJ95		1YJH5	2,362.50
- OC48 Channel Extension, each	EOE95		N7EH5	6,350.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(9) Subtending Node Facility (SNF) (Cont'd)

(a) Monthly Rates, per SNF extended (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

(1) Term Plan Billing (Cont'd)

<u>SNF Type</u>	USOC		<u>Monthly Rate 7-Year Term</u>
	<u>Special</u>	<u>Switched</u>	
OC3 SNF			
- OC3 Mileage, per mile	1YJ97	1YJH7	\$ 303.75
- OC3 Channel Extension, each	EOE97	N7EH7	2,308.50
OC12 SNF			
- OC12 Mileage, per mile	1YJ97	1YJH7	607.50
- OC12 Channel Extension, each	EOE97	N7EH7	4,050.00
OC48 SNF			
- OC48 Mileage, per mile	1YJ97	1YJH7	2,126.25
- OC48 Channel Extension, each	EOE97	N7EH7	5,715.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(9) Subtending Node Facility (SNF) (Cont'd)

(b) Monthly Rates, per port node

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Node Type</u>	USOC		<u>Monthly Rate 3-Year Rate</u>
	<u>Switched</u>	<u>Special</u>	
- OC3 at OC3 Node	S8R13	S4N13	\$ 600.00
- OC3 at OC12 Node	S8R23	S4N23	600.00
- OC3 at OC48 Node	S8R33	S4N33	600.00
- OC3 at OC192 Node	S8R43	S4N43	600.00
- OC12 at OC12 Node	S8R53	S4N53	850.00
- OC12 at OC48 Node	S8R63	S4N63	850.00
- OC12 at OC192 Node	S8R73	S4N73	850.00
- OC48 at OC48 Node	S8R83	S4N83	1,800.00
- OC48 at OC192 Node	S8R93	S4N93	1,800.00
- OC192 at OC192 Node	S8RZ3	S4NZ3	4,500.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(9) Subtending Node Facility (SNF) (Cont'd)

(b) Monthly Rates, per port node (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Node Type</u>	USOC		<u>Monthly Rate 5-Year Rate</u>
	<u>Switched</u>	<u>Special</u>	
- OC3 at OC3 Node	S8R15	S4N15	\$ 500.00
- OC3 at OC12 Node	S8R25	S4N25	500.00
- OC3 at OC48 Node	S8R35	S4N35	500.00
- OC3 at OC192 Node	S8R45	S4N45	500.00
- OC12 at OC12 Node	S8R55	S4N55	750.00
- OC12 at OC48 Node	S8R65	S4N65	750.00
- OC12 at OC192 Node	S8R75	S4N75	750.00
- OC48 at OC48 Node	S8R85	S4N85	1,600.00
- OC48 at OC192 Node	S8R95	S4N95	1,600.00
- OC192 at OC192 Node	S8RZ5	S4NZ5	3,800.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

(9) Subtending Node Facility (SNF) (Cont'd)

(a) Monthly Rates, per port node (Cont'd)

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Port Node Type</u>	USOC		<u>Monthly Rate 7-Year Rate</u>
	<u>Switched</u>	<u>Special</u>	
- OC3 at OC3 Node	S8R17	S4N17	\$ 450.00
- OC3 at OC12 Node	S8R27	S4N27	450.00
- OC3 at OC48 Node	S8R37	S4N37	450.00
- OC3 at OC192 Node	S8R47	S4N47	450.00
- OC12 at OC12 Node	S8R57	S4N57	700.00
- OC12 at OC48 Node	S8R67	S4N67	700.00
- OC12 at OC192 Node	S8R77	S4N77	700.00
- OC48 at OC48 Node	S8R87	S4N87	1,500.00
- OC48 at OC192 Node	S8R97	S4N97	1,500.00
- OC192 at OC192 Node	S8RZ7	S4NZ7	3,000.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.2 Verizon Dedicated SONET Ring (DSR) # (Cont'd)

(K) Rates and Charges (Cont'd)

- (10) Dual Node Cross-Connect Charge,
- per lower capacity channel provided
through two interconnecting nodes in a
subtending ring arrangement

(Jurisdiction:
Pennsylvania
and Virginia)

(D)

(D)

<u>Channel Type</u>	<u>Special</u>	USOC <u>Switched</u>	Nonrecurring <u>Charge</u>
All Channel Types	NRFS	NRFS	\$500.00

Service availability limited. Refer to # footnote on Page 20-446.

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20. Optical Networking (Cont'd)20.3 Verizon Optical Networking #

(A) General

- (1) Verizon Optical Networking service provides managed optical transport of data signals of various speeds over the Telephone Company's shared network. Verizon Optical Networking architecture allows for point-to-point transmissions of varying bandwidths between customer designated locations or between a customer designated location and a collocation arrangement where a customer is provided EIS as described in Section 17 preceding.
- (2) Verizon Optical Networking is provided where Telephone Company fiber optic facilities and equipment with sufficient bandwidth capacity permit.

(B) Service Description

- (1) Verizon Optical Networking service consists of an On-Net Channel Extension and On-Net Channel Mileage. (D)
(D)
 - (a) On-Net Channel Extension provides the communications path and interface termination from a customer's location to the serving wire center or between the customer premise and service wire center where customer has Expanded Interconnection Service pursuant to Section 17 of this Tariff. The On-Net Channel Extension utilizes a Telephone Company optical network element at the customer-designated location.
 - (b) On-Net Channel Mileage provides transport between two telephone company Serving Wire Centers (SWCs). On-Net Channel Mileage is measured in airline miles between the SWCs involved.

(D)
(D)

Effective March 30, 2007, orders for new Verizon Optical Networking are no longer permitted. The Telephone Company will continue to provide Verizon Optical Networking pursuant to this Section 20.3 on any existing Verizon Optical Networking that is in-service as of March 30, 2007, or any order for Verizon Optical Networking that is placed with the Telephone Company prior to March 29, 2007 (collectively, Existing Verizon Optical Networking), subject to the following conditions:

- a. For any Existing Verizon Optical Networking that is currently subscribed to a term plan (i.e., commitment periods of 1-, 3-, 5-, and 7-years), the Telephone Company will continue to provide the Existing Verizon Optical Networking for an additional six (6) months beyond the expiration date of the customer's current commitment period, or until the customer replaces the Existing Verizon Optical Networking with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Effective March 30, 2007, moves, additions and/or changes are not permitted.
- b. For any Existing Verizon Optical Networking whose term plan expired prior to March 30, 2007, but the Existing Verizon Optical Networking continued on a month-to-month basis at prevailing rates, the Telephone Company will continue to provide the Existing Verizon Optical Networking until September 30, 2007, or until the customer replaces the Existing Verizon Optical Networking with a comparable Telephone Company provided service, or discontinues service, whichever comes first. Effective March 30, 2007, moves, additions, and/or changes are not permitted.

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20. Optical Networking (Cont'd)20.3 Verizon Optical Networking # (Cont'd)

(B) Service Description (Cont'd)

(2) Verizon Optical Networking Channel Extensions may be available as protected or unprotected.

- (a) For protected services, the Telephone Company will provision the service over diversely routed, self-healing architecture. Protected services allow for a near 100% availability and restoration in the event of a network failure.
- (b) For unprotected services, the Telephone Company does not guarantee the service will be provisioned over diversely routed facilities.

(D)

(D)

(3) Channel Interfaces

(T)

SONET Mapped InterfaceSONET Mappings

(D)

	<u>STS1s</u>
100 Mbps Ethernet (50Mb)	
Mapped to STS1	1 - STS1
100 Mbps Ethernet (Full Rate)	
Mapped to OC3c	3 - STS1s
1 Gbps Ethernet (50Mb)	
Mapped to OC3	1 - STS1
1 Gbps Ethernet (150Mb)	
Mapped to OC3	3 - STS1s
1 Gbps Ethernet (300Mb)	
Mapped to OC12	6 - STS1s
1 Gbps Ethernet (450Mb)	
Mapped to OC12	9 - STS1s
1 Gbps Ethernet (600Mb)	
Mapped to OC12	12 - STS1s
1 Gbps Ethernet (Full Rate)	
Mapped to OC48	21 - STS1s
1 Gbps Fibre Channel (Full Rate)	
Mapped to OC48	19 - STS1s
1 Gbps FICON (Full Rate)	
Mapped to OC48	19 - STS1s

(D)

Service availability limited. Refer to # footnote on Page 20-489.

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Effective: April 1, 2016

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20. Optical Networking (Cont'd)

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20. Optical Networking (Cont'd)

20.3 Verizon Optical Networking # (Cont'd)

(B) Service Description (Cont'd)

(5) Verizon Optical Networking service transmissions are provided in the following protocols/data interfaces:

- Ethernet: transmits Ethernet at 10 Mbps
- Fast Ethernet: transmits at 100 Mbps
- Gigabit Ethernet: transmits at 1 Gbps.
- Gigabit Fibre Channel: transmits at 1 Gbps.
- Gigabit FICON: transmits at 1 Gbps.
- Ethernet mapped to STS1
- Fast Ethernet Mapped to STS1
- Fast Ethernet Mapped to OC3c
- Gigabit Ethernet Mapped to OC3
- Gigabit Ethernet Mapped to OC12
- Gigabit Ethernet Mapped to OC12c
- Gigabit Ethernet Mapped to OC48
- Gigabit Fibre Channel Mapped to OC48
- Gigabit FICON Mapped to OC48

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(D)

(6) Verizon Optical Networking services may connect to other Telephone Company services capable of transmitting the specified protocol.

(a) A Verizon Optical Networking Ethernet-to-SONET mapped service may be multiplexed onto an Express Connect * of a higher bit rate or a Flex Express Connect * of a higher bit rate.

Service availability limited. Refer to # footnote on Page 20-489.

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20. Optical Networking (Cont'd)20.3 Verizon Optical Networking # (Cont'd)

(D) Terms and Conditions (Cont'd)

(7) When requested by the customer, one or more Verizon Optical Networking Ethernet, Fast Ethernet, Gigabit Ethernet, Gigabit Fibre Channel, and/or FICON signal(s) may be mapped into a SONET signal. The options for mapping a single signals are:

- 10 Mbps Ethernet to STS1
- 100 Mbps Fast Ethernet to STS1, OC3c
- 1 Gbps Gigabit Ethernet to OC3, OC12, OC12c, OC48
- 1 Gbps Gigabit Fibre Channel to OC48
- 1 Gbps Gigabit FICON to OC48

(D)

(D)

Ethernet-to-SONET mapped option is not available on any Verizon Optical Networking circuit which connects to an Expanded Interconnection arrangement pursuant to Section 17 preceding. A Verizon Optical Networking circuit which connects to an Expanded Interconnection arrangement is not allowed to connect to any other Telephone Company service. When a Verizon Optical Networking circuit connects to an Expanded Interconnection arrangement, no additional Channel Extension charges apply as a result of the connection to the Expanded Interconnection arrangement. When Verizon Optical Networking connects to an Expanded Interconnection arrangement, the Verizon Optical Networking circuit will be cross-connected to the Expanded Interconnection arrangement, and all rates and charges for such Expanded Interconnection arrangement as set forth in Section 17 preceding shall apply in addition to any charges for Verizon Optical Networking.

(D)

(D)

(8) Where facilities, conditions, and/or sufficient bandwidth capacity permit, the Telephone Company, upon customer request, may provide a diverse fiber path between the customer designated location and its Serving Wire Center. Rates and charges may apply as specified in the Special Construction tariff.

Service availability limited. Refer to # footnote on Page 20-489.

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20. Optical Networking (Cont'd)20.3 Verizon Optical Networking # (Cont'd)

(E) Rate Regulations

- (1) Verizon Optical Networking is available for 1, 3, 5, and 7-year commitment periods/term plans.
- (2) The minimum service period for Verizon Optical Networking is one year.
- (3) Upon expiration of a commitment period, the customer may choose to continue service under a new commitment period or cancel service. If the customer does not choose one of these options, the Telephone Company will continue the service at the monthly rate for the original commitment period.
- (4) The customer has the option, within sixty (60) days prior to the expiration date for its commitment period, to extend its expiring Plan to a longer commitment period, for which time-in-service credit will be allowed for the expiring plan. The commitment period selected for the extended plan must be longer than the commitment period of the expiring plan, e.g., an expiring 1-Year Term may be extended to either a 3-Year, 5-Year, or 7-Year Commitment period. Time-in-service credit lessens the actual time commitment for the extended plan. For example, Time in Service Credit for an expiring 3-Year term plan applied toward a new 7-year plan equals a new commitment period of 4 years at the 7-year plan rate. The rate for the longer commitment period will apply effective with the first bill day following expiration of the commitment period for the existing plan and continue through the remainder of the commitment period associated with the extended plan. No adjustment for the increased discount associated with the extended plan will be made to the monthly rates already billed on the expiring plan.
- (5) A change in protocol of an On-Net Channel Extension is treated as a discontinuance of service and an installation of both, a new On-Net Channel Extension and the appropriate On-Net Channel Mileage, and will result in Termination Liability Charges applied for the discontinuance of the existing service.
- (6) Monthly recurring charges (MRCs) apply for On-Net Channel Extensions and On-Net Channel Mileage. (D)
(D)
- (7) The MRC for the Channel Extension applies per channel extension and at the specified term plan rate. The On-Net Channel Extension charge is also dependent on the type of facility interface provided.
- (8) The MRC for the Channel Mileage applies on a fixed and on a per mile basis for the airline miles between the Serving Wire Centers. When the mileage calculation results in a fraction of a mile, it is rounded up to the next whole mile.

Service availability limited. Refer to # footnote on Page 20-489.

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20. Optical Networking (Cont'd)20.3 Verizon Optical Networking # (Cont'd)

- (E) Rate Regulations (Cont'd)
- (9) Reserved (C)
- (10) Nonrecurring charges (NRCs) apply for the initial installation of On-Net Channel Extensions and On-Net Channel Mileage. (D)
(D)
- (11) When connecting Verizon Optical Networking services to other Telephone Company provided services, the rates and charges, and terms and conditions of the connecting services also apply.
- (12) When connecting a Verizon Optical Networking circuit to an Expanded Interconnection arrangement pursuant to Section 17 preceding, the MRC for the Channel Extension that provides the communications path and interface termination from a customer's premises to the Verizon wire center will apply at the specified term plan rate as set forth in Section 20.3(H) following. The MRC for the Channel Extension rate element will not apply at the EIS arrangement end of the service. Customer shall also be charged an MRC for the Channel Mileage at the specified term plan rate on a fixed and on a per mile basis for the airline miles between the Serving Wire Centers, if applicable. In addition to charges described herein, any other charges associated with connecting Verizon Optical Networking to an Expanded Interconnection arrangement are described in Section 17 preceding.
- (13) When a Verizon Optical Networking circuit is ordered from a customer designated premise to a wire center where connection to a TLS NNI Port Only Connection occurs, as set forth in Section 20.3(B)(6)(j) preceding, the Channel Extension rate element at the customer designated premise will apply at the specified term plan rate, as set forth in Section 20.3(H) following. The NNI Port Only Connection rate element will apply in lieu of the Channel Extension rate element at the TLS end of the service. The customer shall also be charged Verizon Optical Networking Channel Mileage at the specified term plan rate on a fixed and on a per mile basis for the airline miles between the Serving Wire Centers, if applicable.
- (14) When a Verizon Optical Networking circuit is ordered to connect a EIS arrangement pursuant to Section 17 following and a TLS NNI Port Only Connection in another wire center, as set forth in Section 20.3(B)(6)(k) preceding, the Channel Extension rate element will not apply at the EIS arrangement end of the service. The NNI Port Only Connection rate element will apply in lieu of the Channel Extension rate element at the TLS end of the service. The customer shall also be charged Verizon Optical Networking Channel Mileage at the specified term plan rate on a fixed and on a per mile basis for the airline miles between the serving wire centers. In addition to charges described herein, any other charges associated with a Collocated Interconnection arrangement are described in Section 17 preceding.

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20. Optical Networking (Cont'd)20.3 Verizon Optical Networking # (Cont'd)

(E) Rate Regulations (Cont'd)

(15) When a Verizon Optical Networking circuit is ordered from a customer designated premises to a wire center where connection to a Telephone Company provided switched ethernet service network-to-network interface port only connection occurs, the Channel Extension rate element at the customer designated premises will apply. The switched ethernet service network-to-network interface port only connection rate element will apply in lieu of the Channel Extension rate element at the switched ethernet service end of the service. The customer shall also be charged Verizon Optical Networking Channel Mileage at the specified term plan rate on a fixed and on a per mile basis for the airline miles between the Serving Wire Centers, if applicable.

(16) When a Verizon Optical Networking circuit is ordered to connect an Expanded Interconnection arrangement pursuant to Section 17 preceding and a Telephone Company provided switched ethernet service network-to-network interface port only connection in another wire center, the Channel Extension rate element will not apply at the Expanded Interconnection arrangement end of the service. The switched ethernet service network-to-network interface port only connection rate element will apply in lieu of the Channel Extension rate element at the switched ethernet service end of the service. The customer shall also be charged Verizon Optical Networking Channel Mileage at the specified term plan rate on a fixed and on a per mile basis for the airline miles between the serving wire centers. In addition to charges described herein, any other charges associated with connecting Verizon Optical Networking to an Expanded Interconnection arrangement are described in Section 17 preceding.

(F) Termination Liability

(1) Cancellation charges as set forth in Section 3.2.6(F) preceding apply if an ASR for Verizon Optical Networking is cancelled.

(2) The MRCs and NRCs for Verizon Optical Networking are listed in (H) following.

(3) Termination liability applies to On-Net Channel Mileage and On-Net Channel Extension service components and applies when either is disconnected prior to expiration of the commitment period, i.e., term plan. (D)

(4) The termination liability charge is equal to 25% of the remaining monthly charges for the balance of the commitment period beginning with the date of disconnection or cancellation, and ending with the expiration date of the commitment period.

(5) Termination liability applies in addition to any charges associated with satisfying the minimum period obligation.

(6) When the service includes connection to another service, termination liability for the connecting service also applies in accordance with the regulations specified for that connecting service.

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