

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
• 44.736 Mbps			
- First PVC[2]	NRBF1	\$250.00	(C)
- Each additional PVC[2]	NRBF2	50.00	(C)
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00	
• Fault Tolerant Service (Grandfathered), per UNIT			
- Initial Service Establishment	NRBF4	500.00	
- Subsequent Service Establishment	NRBF5	50.00	
- Activation and Restoral	NRBF6	500.00	

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

[2] This nonrecurring charge will not apply to customers who qualify for the Volume NRC Waiver as set forth in 8.3.4.A., preceding. (N)  
(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

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1801 California Street, Denver, Colorado 80202

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 56 or 64 kbps - UNIT, per Port			
- 0 PVCs, used with Fault Tolerant Service	17T96	\$31.50	
- 1 PVC	17TA6	35.35	
- 2 PVCs	17TB6	40.08	
- 3 PVCs	17TC6	43.01	
- 4 PVCs	17TD6	45.95	
- 5 PVCs	17TE6	48.86	
- 6 PVCs through 14[1], per PVC	17TG6	1.12	
- 15 PVCs through 24[2], per PVC	17TH6	0.24	(D)
- Each additional PVC over 24[3], per PVC	17TJ6	0.25	(T)
- Vintage			(D)
11/14/94 through 12/13/96		0.10	(T)

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 112 or 128 kbps - UNIT, per Port			
- 1 PVC	17TA6	\$108.00	(T)
- Vintage			(T)
11/14/94 through 12/13/96		63.82	(T)
- 2 PVCs	17TB6	110.70	(T)
- Vintage			(T)
11/14/94 through 12/13/96		66.97	(T)
- 3 PVCs	17TC6	113.40	(T)
- Vintage			(T)
11/14/94 through 12/13/96		70.12	(T)
- 4 PVCs	17TD6	116.10	(T)
- Vintage			(T)
11/14/94 through 12/13/96		73.28	(T)
- 5 PVCs	17TE6	118.80	(T)
- Vintage			(T)
11/14/94 through 12/13/96		76.42	(T)
- 6 PVCs through 14[1], per PVC	17TG6	1.10	(T)
- 15 PVCs through 24[2], per PVC	17TH6	0.75	(T)
- Vintage			(T)
11/14/94 through 12/13/96		0.41	(T)
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	(T)
- Vintage			(T)
11/14/94 through 12/13/96		0.17	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 224 or 256 kbps - UNIT, per Port			
- 1 PVC	17TA6	\$144.00	
- Vintage			(T)
11/14/94 through 12/13/96		86.15	(T)
- 2 PVCs	17TB6	149.40	
- Vintage			(T)
11/14/94 through 12/13/96		92.19	(T)
- 3 PVCs	17TC6	154.80	
- Vintage			(T)
11/14/94 through 12/13/96		98.22	(T)
- 4 PVCs	17TD6	160.20	
- Vintage			(T)
11/14/94 through 12/13/96		104.25	(T)
- 5 PVCs	17TE6	165.60	
- Vintage			(T)
11/14/94 through 12/13/96		110.27	(T)
- 6 PVCs through 14[1], per PVC	17TG6	2.10	(T)
- 15 PVCs through 24[2], per PVC	17TH6	1.50	
- Vintage			
11/14/94 through 12/13/96		0.92	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
- Vintage			
11/14/94 through 12/13/96		0.34	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 336 or 384 kbps - UNIT, per Port			
- 1 PVC	17TA6	\$180.00	(T)
- Vintage			(T)
11/14/94 through 12/13/96		108.48	
- 2 PVCs	17TB6	187.90	(T)
- Vintage			(T)
11/14/94 through 12/13/96		117.39	
- 3 PVCs	17TC6	195.75	(T)
- Vintage			(T)
11/14/94 through 12/13/96		126.30	
- 4 PVCs	17TD6	203.65	(T)
- Vintage			(T)
11/14/94 through 12/13/96		135.99	
- 5 PVCs	17TE6	211.50	(T)
- Vintage			(T)
11/14/94 through 12/13/96		145.68	
- 6 PVCs through 14[1], per PVC	17TG6	3.15	
- 15 PVCs through 24[2], per PVC	17TH6	2.25	
- Vintage			
11/14/94 through 12/13/96		1.37	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] or each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 448 or 512 kbps - UNIT, per Port			
- 1 PVC	17TA6	\$211.50	(T)
- Vintage 11/14/94 through 12/13/96		130.82	(T)
- 2 PVCs	17TB6	220.05	
- Vintage 11/14/94 through 12/13/96		142.60	(T)
- 3 PVCs	17TC6	228.60	
- Vintage 11/14/94 through 12/13/96		154.38	(T)
- 4 PVCs	17TD6	237.15	
- Vintage 11/14/94 through 12/13/96		168.68	(T)
- 5 PVCs	17TE6	245.70	
- Vintage 11/14/94 through 12/13/96		182.97	(T)
- 6 PVCs through 14[1], per PVC	17TG6	3.40	
- 15 PVCs through 24[2], per PVC	17TH6	2.25	
- Vintage 11/14/94 through 12/13/96		1.83	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 672 or 768 kbps - UNIT, per Port			
- 1 PVC	17TA6	\$279.00	(T)
- Vintage 11/14/94 through 12/13/96		176.14	(T)
- 2 PVCs	17TB6	291.60	(T)
- Vintage 11/14/94 through 12/13/96		194.32	(T)
- 3 PVCs	17TC6	304.20	(T)
- Vintage 11/14/94 through 12/13/96		212.49	(T)
- 4 PVCs	17TD6	316.80	(T)
- Vintage 11/14/94 through 12/13/96		233.38	(T)
- 5 PVCs	17TE6	329.40	(T)
- Vintage 11/14/94 through 12/13/96		254.29	(T)
- 6 PVCs through 14[1], per PVC	17TG6	3.60	
- 15 PVCs through 24[2], per PVC	17TH6	2.50	
- Each additional PVC over 24[3], per PVC	17TJ6	0.75	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

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1801 California Street, Denver, Colorado 80202

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 1.544 Mbps - UNIT, per Port			
- 0 PVCs, used with Fault Tolerant Service	17T96	\$193.50	
- 1 PVC	17TA6	216.00	(T)
- Vintage 11/14/94 through 12/13/96		123.77	(T)
- 2 PVCs	17TB6	249.30	
- Vintage 11/14/94 through 12/13/96		173.89	(T)
- 3 PVCs	17TC6	282.60	(T)
- Vintage 11/14/94 through 12/13/96		224.02	(T)
- 4 PVCs	17TD6	315.90	(T)
- Vintage 11/14/94 through 12/13/96		273.44	(T)
- 5 PVCs	17TE6	349.20	(T)
- Vintage 11/14/94 through 12/13/96		322.86	(T)
- 6 PVCs through 14[1], per PVC	17TG6	17.10	(T)
- 15 PVCs through 24[2], per PVC	17TH6	4.50	(D)
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	(T)
- Vintage 11/14/94 through 12/13/96		0.23	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(D)
			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

(T)(M)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• 44.736 Mbps - UNIT, per Port		
- 0 PVCs, used with Fault Tolerant Service	17T96	\$3,150.00
- 1 PVC	17TU6	3,420.00
- 2 PVCs through 50[1], per PVC	17TV6	27.00
- 51 PVCs through 140[2], per PVC	17TW6	7.20
- 141 PVCs through 240[3], per PVC	17TY6	3.60
- 241 PVCs through 500[4], per PVC	17TZ6	1.80

[1] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC.

[2] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs.

[3] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs.

[4] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs.

(M)

Certain material on this page formerly appeared on Page 8-221.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

**G. 72 Months (Cont'd)**

(T)(M)  
(T)

**4. Network-To-Network Information Transfer (NNIT)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
• 56 or 64 kbps		
- First PVC	NRBF1	\$ 50.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00
• 112 or 128 kbps, 224 or 256 kbps, 336 or 384 kbps, 448 or 512 kbps, and 672 or 768 kbps		
- First PVC	NRBF1	250.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00
• 1.544 Mbps		
- First PVC	NRBF1	50.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(M)

Certain material on this page formerly appeared on Page 8-222.  
Certain material previously found on this page can now be found on Pages 8-313 and 8-314.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

(T)(M)

(T)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
• 44.736 Mbps		
- First PVC	NRBF1	\$250.00
- Each additional PVC	NRBF2	50.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(M)

Certain material on this page formerly appeared on Page 8-222.1.

Certain material previously found on this page can now be found on Page 8-315.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 56 or 64 kbps - NNIT, per Port			
- 1 PVC	17TA6	\$34.20	
- Vintage			(T)
11/14/94 through 12/13/96		34.19	(T)
- 2 PVCs	17TB6	38.10	
- Vintage			(T)
11/14/94 through 12/13/96		35.85	(T)
- 3 PVCs	17TC6	42.05	
- Vintage			(T)
11/14/94 through 12/13/96		37.51	(T)
- 4 PVCs	17TD6	45.95	
- Vintage			(T)
11/14/94 through 12/13/96		39.18	(T)
- 5 PVCs	17TE6	49.85	
- Vintage			(T)
11/14/94 through 12/13/96		40.83	
- 6 PVCs through 14[1], per PVC	17TG6	0.45	
- 15 PVCs through 24[2], per PVC	17TH6	0.25	
- Vintage			
11/14/94 through 12/13/96		0.14	
- Each additional PVC over 24[3], per PVC	17TJ6	0.25	
- Vintage			
11/14/94 through 12/13/96		0.06	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 112 or 128 kbps - NNIT, per Port			
- 1 PVC	17TA6	\$76.50	
- Vintage			(T)
11/14/94 through 12/13/96		44.77	(T)
- 2 PVCs	17TB6	79.20	
- Vintage			(T)
11/14/94 through 12/13/96		47.92	(T)
- 3 PVCs	17TC6	81.90	
- Vintage			(T)
11/14/94 through 12/13/96		51.08	(T)
- 4 PVCs	17TD6	84.60	
- Vintage			(T)
11/14/94 through 12/13/96		54.23	(T)
- 5 PVCs	17TE6	87.30	
- Vintage			(T)
11/14/94 through 12/13/96		57.37	(T)
- 6 PVCs through 14[1], per PVC	17TG6	1.10	
- 15 PVCs through 24[2], per PVC	17TH6	0.75	
- Vintage			
11/14/94 through 12/13/96		0.30	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
- Vintage			
11/14/94 through 12/13/96		0.11	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 224 or 256 kbps - NNIT, per Port			
- 1 PVC	17TA6	\$112.50	(T)
- Vintage			(T)
11/14/94 through 12/13/96		67.10	
- 2 PVCs	17TB6	117.90	(T)
- Vintage			(T)
11/14/94 through 12/13/96		73.15	
- 3 PVCs	17TC6	123.30	(T)
- Vintage			(T)
11/14/94 through 12/13/96		79.17	
- 4 PVCs	17TD6	128.70	(T)
- Vintage			(T)
11/14/94 through 12/13/96		85.20	
- 5 PVCs	17TE6	134.10	(T)
- Vintage			(T)
11/14/94 through 12/13/96		91.22	
- 6 PVCs through 14[1], per PVC	17TG6	2.10	
- 15 PVCs through 24[2], per PVC	17TH6	1.50	
- Vintage			
11/14/94 through 12/13/96		0.55	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
- Vintage			
11/14/94 through 12/13/96		0.21	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 336 or 384 kbps - NNIT, per Port			
- 1 PVC	17TA6	\$153.00	
- Vintage			(T)
11/14/94 through 12/13/96		89.43	(T)
- 2 PVCs	17TB6	160.90	
- Vintage			(T)
11/14/94 through 12/13/96		98.34	(T)
- 3 PVCs	17TC6	168.75	
- Vintage			(T)
11/14/94 through 12/13/96		107.24	(T)
- 4 PVCs	17TD6	176.65	
- Vintage			(T)
11/14/94 through 12/13/96		116.15	(T)
- 5 PVCs	17TE6	184.50	
- Vintage			(T)
11/14/94 through 12/13/96		125.04	
- 6 PVCs through 14[1], per PVC	17TG6	3.15	
- 15 PVCs through 24[2], per PVC	17TH6	2.25	
- Vintage			
11/14/94 through 12/13/96		0.83	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
- Vintage			
11/14/94 through 12/13/96		0.30	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 448 or 512 kbps - NNIT, per Port			
- 1 PVC	17TA6	\$184.50	
- Vintage			(T)
11/14/94 through 12/13/96		111.76	(T)
- 2 PVCs	17TB6	193.05	
- Vintage			(T)
11/14/94 through 12/13/96		123.55	(T)
- 3 PVCs	17TC6	201.60	
- Vintage			(T)
11/14/94 through 12/13/96		135.33	(T)
- 4 PVCs	17TD6	210.15	
- Vintage			(T)
11/14/94 through 12/13/96		147.11	(T)
- 5 PVCs	17TE6	218.70	
- Vintage			(T)
11/14/94 through 12/13/96		158.89	
- 6 PVCs through 14[1], per PVC	17TG6	3.40	
- 15 PVCs through 24[2], per PVC	17TH6	2.25	
- Vintage			
11/14/94 through 12/13/96		1.10	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
- Vintage			
11/14/94 through 12/13/96		0.41	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 672 or 768 kbps - NNIT, per Port			
- 1 PVC	17TA6	\$252.00	(T)
- Vintage 11/14/94 through 12/13/96		157.09	(T)
- 2 PVCs	17TB6	263.70	(T)
- Vintage 11/14/94 through 12/13/96		175.27	(T)
- 3 PVCs	17TC6	275.40	(T)
- Vintage 11/14/94 through 12/13/96		193.45	(T)
- 4 PVCs	17TD6	287.10	(T)
- Vintage 11/14/94 through 12/13/96		211.62	(T)
- 5 PVCs	17TE6	298.80	(T)
- Vintage 11/14/94 through 12/13/96		229.80	(T)
- 6 PVCs through 14[1], per PVC	17TG6	3.40	
- 15 PVCs through 24[2], per PVC	17TH6	2.25	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 1.544 Mbps - NNIT, per Port			
- 1 PVC	17TA6	\$189.00	
- Vintage			(T)
11/14/94 through 12/13/96		104.72	(T)
- 2 PVCs	17TB6	222.30	
- Vintage			(T)
11/14/94 through 12/13/96		154.14	(T)
- 3 PVCs	17TC6	255.60	
- Vintage			(T)
11/14/94 through 12/13/96		203.57	(T)
- 4 PVCs	17TD6	288.90	
- Vintage			(T)
11/14/94 through 12/13/96		252.98	(T)
- 5 PVCs	17TE6	322.20	
- Vintage			(T)
11/14/94 through 12/13/96		302.41	
- 6 PVCs through 14[1], per PVC	17TG6	17.10	
- 15 PVCs through 24[2], per PVC	17TH6	4.50	
- Vintage			
11/14/94 through 12/13/96		4.06	
- Each additional PVC over 24[3], per PVC	17TJ6	0.45	
- Vintage			
11/14/94 through 12/13/96		0.14	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

(T)(M)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• 44.736 Mbps - NNIT, per Port		
- 1 PVC	17TU6	\$3,420.00
- 2 PVCs through 50[1], per PVC	17TV6	27.00
- 51 PVCs through 140[2], per PVC	17TW6	7.20
- 141 PVCs through 240[3], per PVC	17TY6	3.60
- 241 PVCs through 500[4], per PVC	17TZ6	1.80

[1] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC.

[2] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs.

[3] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs.

[4] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs.

(M)

Certain material on this page formerly appeared on Page 8-226.1.

Certain material previously found on this page can now be found on Pages 8-354 and 8-355.

(Filed under Transmittal No. 28.)

Issued: November 21, 2000

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
5. Central Office Connecting Channel			
• Per connection between a Multiplexer and FRS Port or between a Company facility port and an FRS Port			
- For speeds up to 1.544 Mbps	CU8AR	\$25.00	\$ 0.59
- For speeds up to 44.736 Mbps	CU8AR	50.00	9.00
6. Transport Channels	N/A	[1]	[1]
7. Optional Features and Functions			
• Customer Network Management (CNM)			
- Per workstation registered address initial setup	NM6X6	15.00	60.30
- Subsequent CNM order charge, per workstation registered address change or addition of CNM to existing FRS[2]	NR9FM	38.00	—

[1] See Section 7 and/or 17 for Transport Channel rates and regulations.

(C)

[2] When adding CNM to existing FRS, the Subsequent CNM Order Charge applies in addition to the Nonrecurring Charge for the initial setup of CNM.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

G. 72 Months

7. Optional Features and Functions (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Priority UNIT PVC[1] (Grandfathered), per PVC			
- 56 or 64 kbps	PV7X6	\$50.00	\$4.50
- 112 or 128 kbps	PV7X6	50.00	5.25
- 224 or 256 kbps	PV7X6	50.00	6.00
- 336 or 384 kbps	PV7X6	50.00	6.75
- 448 or 512 kbps	PV7X6	50.00	7.50
- 672 or 768 kbps	PV7X6	50.00	8.25
- 1.544 Mbps	PV7X6	50.00	9.00
- 44.736 Mbps	PV7X6	50.00	9.00

[1] Priority PVC rates and charges apply in addition to the UNIT PVC rates and charges set forth preceding.

(y) Reissued matter filed under Transmittal No. 28, to become effective December 6, 2000.

(Filed under Transmittal 30.)

Issued: December 11, 2000

Effective: December 26, 2000



**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

(T-y)

**8.3.5 RATES AND CHARGES (Cont'd)**

(T-y)

(D-y)

(y) Reissued matter filed under Transmittal No. 28, to become effective December 6, 2000.

(Filed under Transmittal 30.)

Issued: December 11, 2000

Effective: December 26, 2000

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES (Cont'd)**

H. 84 Months

	USOC	NONRECURRING CHARGE	MONTHLY RATE	
1. Access Link, per Access Link				
• 56 or 64 kbps	L7AX7	\$450.00	\$ 65.00	(T)
- Vintage				(T)
11/14/94 through 12/13/96			36.68	(D)
12/14/96 through 12/13/01			42.30	(T)
• 1.544 Mbps[1]	L7AX7	450.00	113.85	(T)
				(D)
2. Stand-Alone Access Link per Access Link				
• 56 or 64 kbps	NNLX7	450.00	65.00	
- Vintage				(T)
11/14/94 through 12/13/96			36.68	
12/14/96 through 12/13/01			42.30	
• 1.544 Mbps[1]	NNLX7	450.00	113.85	(T)

[1] The nonrecurring charge will not apply to customers who qualify for the Volume NRC Waiver as set forth in 8.3.4.A., preceding.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months (Cont'd)

3. User-To-Network Information Transfer (UNIT)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
• 56 or 64 kbps		
- First PVC	NRBF1	\$50.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00

(T)(M)

(T)

(T)

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(T)  
(M)

Certain material on this page formerly appeared on Page 8-230.  
Certain material previously found on this page can now be found on Pages 8-365 and 8-366.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
• 112 or 128 kbps, 224 or 256 kbps, 336 or 384 kbps, 448 or 512 kbps, and 672 or 768 kbps			
- First PVC	NRBF1	\$250.00	
- Each additional PVC	NRBF2	20.00	
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00	
• 1.544 Mbps			
- First PVC[2]	NRBF1	50.00	(C)
- Each additional PVC[2]	NRBF2	20.00	(C)
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00	

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

[2] This nonrecurring charge will not apply to customers who qualify for the Volume NRC Waiver as set forth in 8.3.4.A., preceding. (N)  
(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
• 44.736 Mbps			
- First PVC[2]	NRBF1	\$250.00	(C)
- Each additional PVC[2]	NRBF2	50.00	(C)
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00	
• Fault Tolerant Service (Grandfathered), per UNIT			
- Initial Service Establishment	NRBF4	500.00	
- Subsequent Service Establishment	NRBF5	50.00	
- Activation and Restoral	NRBF6	500.00	

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

[2] This nonrecurring charge will not apply to customers who qualify for the Volume NRC Waiver as set forth in 8.3.4.A., preceding. (N)  
(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 56 or 64 kbps - UNIT, per Port			
- 0 PVCs, used with Fault Tolerant Service	17T97	\$31.50	
- 1 PVC	17TA7	35.35	
- 2 PVCs	17TB7	40.08	
- 3 PVCs	17TC7	43.01	
- 4 PVCs	17TD7	45.95	
- 5 PVCs	17TE7	48.86	
- 6 PVCs through 14[1], per PVC	17TG7	1.12	
- 15 PVCs through 24[2], per PVC	17TH7	0.24	(D)
- Each additional PVC over 24[3], per PVC	17TJ7	0.25	(T)
- Vintage			(D)
11/14/94 through 12/13/96		0.10	(T)

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 112 or 128 kbps - UNIT, per Port			
- 1 PVC	17TA7	\$108.00	
- Vintage			(T)
11/14/94 through 12/13/96		63.82	(T)
- 2 PVCs	17TB7	110.70	
- Vintage			(T)
11/14/94 through 12/13/96		66.97	(T)
- 3 PVCs	17TC7	113.40	
- Vintage			(T)
11/14/94 through 12/13/96		70.12	(T)
- 4 PVCs	17TD7	116.10	
- Vintage			(T)
11/14/94 through 12/13/96		73.28	(T)
- 5 PVCs	17TE7	118.80	
- Vintage			(T)
11/14/94 through 12/13/96		76.42	
- 6 PVCs through 14[1], per PVC	17TG7	1.10	
- 15 PVCs through 24[2], per PVC	17TH7	0.75	
- Vintage			
11/14/94 through 12/13/96		0.41	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.17	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 224 or 256 kbps - UNIT, per Port			
- 1 PVC	17TA7	\$144.00	
- Vintage			(T)
11/14/94 through 12/13/96		86.15	(T)
- 2 PVCs	17TB7	149.40	
- Vintage			(T)
11/14/94 through 12/13/96		92.19	(T)
- 3 PVCs	17TC7	154.80	
- Vintage			(T)
11/14/94 through 12/13/96		98.22	(T)
- 4 PVCs	17TD7	160.20	
- Vintage			(T)
11/14/94 through 12/13/96		104.25	(T)
- 5 PVCs	17TE7	165.60	
- Vintage			(T)
11/14/94 through 12/13/96		110.27	
- 6 PVCs through 14[1], per PVC	17TG7	2.10	
- 15 PVCs through 24[2], per PVC	17TH7	1.50	
- Vintage			
11/14/94 through 12/13/96		0.92	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.34	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 336 or 384 kbps - UNIT, per Port			
- 1 PVC	17TA7	\$180.00	(T)
- Vintage			(T)
11/14/94 through 12/13/96		108.48	
- 2 PVCs	17TB7	187.90	(T)
- Vintage			(T)
11/14/94 through 12/13/96		117.39	
- 3 PVCs	17TC7	195.75	(T)
- Vintage			(T)
11/14/94 through 12/13/96		126.30	
- 4 PVCs	17TD7	203.65	(T)
- Vintage			(T)
11/14/94 through 12/13/96		135.99	
- 5 PVCs	17TE7	211.50	(T)
- Vintage			(T)
11/14/94 through 12/13/96		145.68	
- 6 PVCs through 14[1], per PVC	17TG7	3.15	
- 15 PVCs through 24[2], per PVC	17TH7	2.25	
- Vintage			
11/14/94 through 12/13/96		1.37	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 448 or 512 kbps - UNIT, per Port			
- 1 PVC	17TA7	\$211.50	
- Vintage			(T)
11/14/94 through 12/13/96		130.82	(T)
- 2 PVCs	17TB7	220.05	
- Vintage			(T)
11/14/94 through 12/13/96		142.60	(T)
- 3 PVCs	17TC7	228.60	
- Vintage			(T)
11/14/94 through 12/13/96		154.38	(T)
- 4 PVCs	17TD7	237.15	
- Vintage			(T)
11/14/94 through 12/13/96		168.68	(T)
- 5 PVCs	17TE7	245.70	
- Vintage			(T)
11/14/94 through 12/13/96		182.97	
- 6 PVCs through 14[1], per PVC	17TG7	3.40	
- 15 PVCs through 24[2], per PVC	17TH7	2.25	
- Vintage			
11/14/94 through 12/13/96		1.83	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 672 or 768 kbps - UNIT, per Port			
- 1 PVC	17TA7	\$279.00	
- Vintage			(T)
11/14/94 through 12/13/96		176.14	(T)
- 2 PVCs	17TB7	291.60	
- Vintage			(T)
11/14/94 through 12/13/96		194.32	(T)
- 3 PVCs	17TC7	304.20	
- Vintage			(T)
11/14/94 through 12/13/96		212.49	(T)
- 4 PVCs	17TD7	316.80	
- Vintage			(T)
11/14/94 through 12/13/96		233.38	(T)
- 5 PVCs	17TE7	329.40	
- Vintage			(T)
11/14/94 through 12/13/96		254.29	(T)
- 6 PVCs through 14[1], per PVC	17TG7	3.60	
- 15 PVCs through 24[2], per PVC	17TH7	2.50	
- Each additional PVC over 24[3], per PVC	17TJ7	0.75	
			(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 1.544 Mbps - UNIT, per Port			
- 0 PVCs, used with Fault Tolerant Service	17T97	\$193.50	
- 1 PVC	17TA7	216.00	
- Vintage			(T)
11/14/94 through 12/13/96		123.77	(T)
- 2 PVCs	17TB7	249.30	
- Vintage			(T)
11/14/94 through 12/13/96		173.89	(T)
- 3 PVCs	17TC7	282.60	
- Vintage			(T)
11/14/94 through 12/13/96		224.02	(T)
- 4 PVCs	17TD7	315.90	
- Vintage			(T)
11/14/94 through 12/13/96		273.44	(T)
- 5 PVCs	17TE7	349.20	
- Vintage			(T)
11/14/94 through 12/13/96		322.86	(T)
- 6 PVCs through 14[1], per PVC	17TG7	17.10	(T)
- 15 PVCs through 24[2], per PVC	17TH7	4.50	(D)
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	(T)
- Vintage			(T)
11/14/94 through 12/13/96		0.23	(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(D)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

3. User-To-Network Information Transfer (UNIT) (Cont'd)

(T)(M)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• 44.736 Mbps - UNIT, per Port		
- 0 PVCs, used with Fault Tolerant Service	17T97	\$3,150.00
- 1 PVC	17TU7	3,420.00
- 2 PVCs through 50[1], per PVC	17TV7	27.00
- 51 PVCs through 140[2], per PVC	17TW7	7.20
- 141 PVCs through 240[3], per PVC	17TY7	3.60
- 241 PVCs through 500[4], per PVC	17TZ7	1.80

[1] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC.

[2] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs.

[3] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs.

[4] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs.

(M)

Certain material on this page formerly appeared on Page 8-236.

Certain material previously found on this page can now be found on Pages 8-388 and 8-389.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months (Cont'd)

4. Network-To-Network Information Transfer (NNIT)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
• 56 or 64 kbps		
- First PVC	NRBF1	\$50.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00
• 112 or 128 kbps, 224 or 256 kbps, 336 or 384 kbps, 448 or 512 kbps, and 672 or 768 kbps		
- First PVC	NRBF1	250.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00
• 1.544 Mbps		
- First PVC	NRBF1	50.00
- Each additional PVC	NRBF2	20.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

Certain material on this page formerly appeared on Page 8-237.  
Certain material previously found on this page can now be found on Pages 8-389, 8-390, 8-391 and 8-392.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
• 44.736 Mbps		
- First PVC	NRBF1	\$250.00
- Each additional PVC	NRBF2	50.00
- Subsequent PVC(s) order charge, per order[1]	NRBFO	75.00

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

Certain material on this page formerly appeared on Page 8-237.1.  
Certain material previously found on this page can now be found on Pages 8-393, 8-394, and 8-395.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 56 or 64 kbps - NNIT, per Port			
- 1 PVC	17TA7	\$34.20	
- Vintage			(T)
11/14/94 through 12/13/96		34.19	(T)
- 2 PVCs	17TB7	38.10	
- Vintage			(T)
11/14/94 through 12/13/96		35.85	(T)
- 3 PVCs	17TC7	42.05	
- Vintage			(T)
11/14/94 through 12/13/96		37.51	(T)
- 4 PVCs	17TD7	45.95	
- Vintage			(T)
11/14/94 through 12/13/96		39.18	(T)
- 5 PVCs	17TE7	49.85	
- Vintage			(T)
11/14/94 through 12/13/96		40.83	(T)
- 6 PVCs through 14[1], per PVC	17TG7	0.45	(T)
- 15 PVCs through 24[2], per PVC	17TH7	0.25	
- Vintage			
11/14/94 through 12/13/96		0.14	
- Each additional PVC over 24[3], per PVC	17TJ7	0.25	
- Vintage			
11/14/94 through 12/13/96		0.06	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 112 or 128 kbps - NNIT, per Port			
- 1 PVC	17TA7	\$76.50	
- Vintage			(T)
11/14/94 through 12/13/96		44.77	(T)
- 2 PVCs	17TB7	79.20	
- Vintage			(T)
11/14/94 through 12/13/96		47.92	(T)
- 3 PVCs	17TC7	81.90	
- Vintage			(T)
11/14/94 through 12/13/96		51.08	(T)
- 4 PVCs	17TD7	84.60	
- Vintage			(T)
11/14/94 through 12/13/96		54.23	(T)
- 5 PVCs	17TE7	87.30	
- Vintage			(T)
11/14/94 through 12/13/96		57.37	
- 6 PVCs through 14[1], per PVC	17TG7	1.10	
- 15 PVCs through 24[2], per PVC	17TH7	0.75	
- Vintage			
11/14/94 through 12/13/96		0.30	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.11	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 224 or 256 kbps - NNIT, per Port			
- 1 PVC	17TA7	\$112.50	(T)
- Vintage			(T)
11/14/94 through 12/13/96		67.10	
- 2 PVCs	17TB7	117.90	(T)
- Vintage			(T)
11/14/94 through 12/13/96		73.15	
- 3 PVCs	17TC7	123.30	(T)
- Vintage			(T)
11/14/94 through 12/13/96		79.17	
- 4 PVCs	17TD7	128.70	(T)
- Vintage			(T)
11/14/94 through 12/13/96		85.20	
- 5 PVCs	17TE7	134.10	(T)
- Vintage			(T)
11/14/94 through 12/13/96		91.22	
- 6 PVCs through 14[1], per PVC	17TG7	2.10	
- 15 PVCs through 24[2], per PVC	17TH7	1.50	
- Vintage			
11/14/94 through 12/13/96		0.55	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.21	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 336 or 384 kbps - NNIT, per Port			
- 1 PVC	17TA7	\$153.00	(T)
- Vintage			(T)
11/14/94 through 12/13/96		89.43	
- 2 PVCs	17TB7	160.90	(T)
- Vintage			(T)
11/14/94 through 12/13/96		98.34	
- 3 PVCs	17TC7	168.75	(T)
- Vintage			(T)
11/14/94 through 12/13/96		107.24	
- 4 PVCs	17TD7	176.65	(T)
- Vintage			(T)
11/14/94 through 12/13/96		116.15	
- 5 PVCs	17TE7	184.50	(T)
- Vintage			(T)
11/14/94 through 12/13/96		125.04	
- 6 PVCs through 14[1], per PVC	17TG7	3.15	
- 15 PVCs through 24[2], per PVC	17TH7	2.25	
- Vintage			
11/14/94 through 12/13/96		0.83	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.30	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 448 or 512 kbps - NNIT, per Port			
- 1 PVC	17TA7	\$184.50	(T)
- Vintage			(T)
11/14/94 through 12/13/96		111.76	
- 2 PVCs	17TB7	193.05	(T)
- Vintage			(T)
11/14/94 through 12/13/96		123.55	
- 3 PVCs	17TC7	201.60	(T)
- Vintage			(T)
11/14/94 through 12/13/96		135.33	
- 4 PVCs	17TD7	210.15	(T)
- Vintage			(T)
11/14/94 through 12/13/96		147.11	
- 5 PVCs	17TE7	218.70	(T)
- Vintage			(T)
11/14/94 through 12/13/96		158.89	
- 6 PVCs through 14[1], per PVC	17TG7	3.40	
- 15 PVCs through 24[2], per PVC	17TH7	2.25	
- Vintage			
11/14/94 through 12/13/96		1.10	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.41	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 672 or 768 kbps - NNIT, per Port			
- 1 PVC	17TA7	\$252.00	(T)
- Vintage			(T)
11/14/94 through 12/13/96		157.09	
- 2 PVCs	17TB7	263.70	(T)
- Vintage			(T)
11/14/94 through 12/13/96		175.27	
- 3 PVCs	17TC7	275.40	(T)
- Vintage			(T)
11/14/94 through 12/13/96		193.45	
- 4 PVCs	17TD7	287.10	(T)
- Vintage			(T)
11/14/94 through 12/13/96		211.62	
- 5 PVCs	17TE7	298.80	(T)
- Vintage			(T)
11/14/94 through 12/13/96		229.80	
- 6 PVCs through 14[1], per PVC	17TG7	3.40	
- 15 PVCs through 24[2], per PVC	17TH7	2.25	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
			(T)
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• 1.544 Mbps - NNIT, per Port			
- 1 PVC	17TA7	\$189.00	
- Vintage			(T)
11/14/94 through 12/13/96		104.72	(T)
- 2 PVCs	17TB7	222.30	
- Vintage			(T)
11/14/94 through 12/13/96		154.14	(T)
- 3 PVCs	17TC7	255.60	
- Vintage			(T)
11/14/94 through 12/13/96		203.57	(T)
- 4 PVCs	17TD7	288.90	
- Vintage			(T)
11/14/94 through 12/13/96		252.98	(T)
- 5 PVCs	17TE7	322.20	
- Vintage			(T)
11/14/94 through 12/13/96		302.41	
- 6 PVCs through 14[1], per PVC	17TG7	17.10	
- 15 PVCs through 24[2], per PVC	17TH7	4.50	
- Vintage			
11/14/94 through 12/13/96		4.06	
- Each additional PVC over 24[3], per PVC	17TJ7	0.45	
- Vintage			
11/14/94 through 12/13/96		0.14	
[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.			(T)
[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.			(T)
[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.			(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

4. Network-To-Network Information Transfer (NNIT) (Cont'd)

(T)(M)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• 44.736 Mbps - NNIT, per Port		
- 1 PVC	17TU7	\$3,420.00
- 2 PVCs through 50[1], per PVC	17TV7	27.00
- 51 PVCs through 140[2], per PVC	17TW7	7.20
- 141 PVCs through 240[3], per PVC	17TY7	3.60
- 241 PVCs through 500[4], per PVC	17TZ7	1.80

- [1] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC.
- [2] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs.
- [3] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs.
- [4] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs.

(M)

Certain material on this page formerly appeared on Page 8-241.1.

Certain material previously found on this page can now be found on Pages 8-410 and 8-411.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
5. Central Office Connecting Channel			
• Per connection between a Multiplexer and FRS Port or between a Company facility port and an FRS Port			
- For speeds up to 1.544 Mbps	CU8BR	\$25.00	\$ 0.59
- For speeds up to 44.736 Mbps	CU8BR	50.00	9.00
6. Transport Channels	N/A	[1]	[1]
7. Optional Features and Functions			
• Customer Network Management (CNM)			
- Per workstation registered address initial setup	NM6X7	15.00	60.30
- Subsequent CNM order charge, per workstation registered address change or addition of CNM to existing FRS[2]	NR9FM	38.00	—

[1] See Section 7 and/or 17 for Transport Channel rates and regulations.

(C)

[2] When adding CNM to existing FRS, the Subsequent CNM Order Charge applies in addition to the Nonrecurring Charge for the initial setup of CNM.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE**

**8.3.5 RATES AND CHARGES**

H. 84 Months

7. Optional Features and Functions (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Priority UNIT PVC[1] (Grandfathered), per PVC			
- 56 or 64 kbps	PV7X7	\$50.00	\$4.50
- 112 or 128 kbps	PV7X7	50.00	5.25
- 224 or 256 kbps	PV7X7	50.00	6.00
- 336 or 384 kbps	PV7X7	50.00	6.75
- 448 or 512 kbps	PV7X7	50.00	7.50
- 672 or 768 kbps	PV7X7	50.00	8.25
- 1.544 Mbps	PV7X7	50.00	9.00
- 44.736 Mbps	PV7X7	50.00	9.00

[1] Priority PVC rates and charges apply in addition to the UNIT PVC rates and charges set forth preceding.

(y) Reissued matter filed under Transmittal No. 28, to become effective December 6, 2000.

(Filed under Transmittal 30.)

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1801 California Street, Denver, Colorado 80202

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.3 FRAME RELAY SERVICE (Cont'd)**

(T-y)

(D-y)

(y) Reissued matter filed under Transmittal No. 28, to become effective December 6, 2000.

(Filed under Transmittal 30.)

Issued: December 11, 2000

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.4 RESERVED FOR FUTURE USE**

(C)

(M) Certain material previously found on this page can now be found in Grandfathered Section 8.99.4.

(Filed under Transmittal No. 264.)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

(M) Certain material previously found on this page can now be found in Grandfathered Section 8.99.4.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**A. Description**

ATM Service is a connection-oriented communications service that uses Asynchronous Transfer Mode (ATM) technology. The service provides customers with high-speed, low-delay information transfer capacity, which supports applications that require near-real-time mixed media (data, video, image, voice) communications among multiple locations. ATM Service supports transmission speeds of 1.544 Mbps, 45 Mbps, 155 Mbps and 622 Mbps.

(T)

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(C)

ATM Service offers Inverse Multiplexing over ATM (IMA). This allows a bandwidth option between DS1 (1.544 Mbps) and DS3 (45 Mbps) levels. IMA utilizes 2 to 8 DS1s and bundles them together to create a solid bandwidth increment of 3 Mbps, 4.6 Mbps, 6.1 Mbps, 7.7 Mbps, 9.2 Mbps, 10.7 Mbps or 12.3 Mbps. IMA is available over the following Service Classes Constant Bit Rate (CBR), Variable Bit Rate – non-real time (VBR-nrt) and Unspecified Bit Rate (UBR) as set forth in B.10, following.

(N)

(N)

ATM Service requires the use of customer terminal equipment that functions as a multiplexer/router/hub or ATM switch. This terminal equipment must be purchased separately from the ATM Service and must conform to industry standards. The terminal equipment accumulates customer traffic and puts it into a an ATM format suitable for transmission over the ATM Service Network.

(T)

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Interworking PVC (IPVC) is an available option that creates a connection between the ATM and Frame Relay Networks. Frame Relay to ATM interworking allows customers to complement the high-bandwidth transport capabilities of ATM with Frame Relay in order to provide a seamless transition to a single or multi-service network.

(N)

(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

A. Description (Cont'd)

ATM Service conforms to industry standards and is only provided over fiber optic facilities or other compatible private line facilities, such as Synchronous Service Transport (SST), DS3 Service or DS1 Service. Technical Specifications for ATM Service are delineated in Qwest Corporation Technical Publication PUB 77378.

(T)

(T)

A customer may request that the facilities used to provide ATM Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Diversity) are as set forth in Section 11, following.

(T)

ATM connectivity between two separate LSS networks and/or between LSS and ATM Service locations can be used for LSS provisioning. The connection between the LSS/LSS or LSS/ATM Service locations can be an ATM Service virtual channel connection (VCC). VCCs for the LSS/LSS or LSS to ATM Service option are only available as Unspecified Bit Rate (UBR) for monthly or fixed period service rate plans of 12, 36 and 60 months. The VCC and UBR rate regulations and rates are as set forth in 8.5.3 and 8.5.5., following.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL (Cont'd)**

**B. Service Elements**

**1. Network Interface**

The network interface is the point at which a customer's data transmissions first enters the network supporting ATM Service. It is the point of interconnection between Company communication facilities and customer terminal equipment.

(T)

**2. ATM Access Links**

(C)

**a. DS1 Access Link**

An ATM DS1 Access Link provides DS1 physical access to the ATM Service Network, connecting customer facilities at the User-Network Interface (UNI) over DS1 Private Line Transport facilities. The transport facilities transfer information through the network over logical connections at speeds selected by the customer.

(N)

**b. IMA Access Link**

An IMA Access Link utilizes 2 to 8 DS1s bundled for physical access to the ATM Service Network, connecting customer facilities at the User-Network Interface (UNI) over DS1 Private Line Transport facilities. The transport facilities transfer information through the network over logical connections at speeds selected by the customer.

(N)

**c. Optical Access Link (OAL)**

(T)

An ATM Service Optical Access Link provides access to the ATM Service Network, connecting customer facilities at the network interface with a corresponding ATM Service Cell Transfer element. An ATM Service Optical Access Link is only available at ATM Service Points. An ATM Service Optical Access Link may be optioned with 45 or 155 Mbps OAL Protection as set forth in 9., following.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**B. 2. ATM Access Links (Cont'd)**

**d. Stand-Alone Optical Access Link (SAOAL)**

(T)(M)

An ATM Service Stand-Alone Optical Access Link connects customer facilities to ATM networks provided by service providers other than the Company. Private line transport mileage and/or a Central Office Connecting Channel (COCC) may be required in conjunction with a SAOAL in order to connect the customer's serving wire center, or node, with the serving wire center, or node of another ATM Service provider. A SAOAL may be optioned with 45 or 155 Mbps OAL Protection as set forth in 10., following.

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(T)

(T)

(M)

**3. ATM and IMA Ports**

(C)

ATM and IMA ports are the physical entry points into the ATM Service Network for Optical Access Links or other compatible private line facilities, such as Synchronous Service Transport (SST), DS3 Service or DS1 Service. They are the originating and terminating points for Virtual Path Connections and Virtual Channel Connections. Ports include the electronic equipment used in connecting these service elements to the ATM Service Network. They enable customers to allocate bandwidth to applications at customer-designated transmission speeds of up to 1.544 Mbps, 3 Mbps, 4.6 Mbps, 6.1 Mbps, 7.7 Mbps, 9.2 Mbps, 10.7 Mbps, 12.3 Mbps, 45 Mbps, 155 Mbps or 622 Mbps.

(C)

(C)

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The customer may also utilize a 44.736 Mbps *QWEST DSL HOST* Port in lieu of a 44.736 Mbps ATM Service Port, as set forth in 8.4.5. Customers will be able to allocate ATM bandwidth to applications at customer-designated transmission speed of 44.736 Mbps for their *QWEST DSL HOST* Port.

**4. Service Points**

(T)

Service Points are geographic locations designated by the Company where the ATM Service Network can be accessed. The ATM Service Points are listed in the National Exchange Carrier Association Tariff FCC No. 4.

Certain material on this page formerly appeared on Page 8-318.

## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.5 ATM SERVICE**

#### **8.5.1 GENERAL**

##### **B. Service Elements (Cont'd)**

##### **5. Logical Connections**

ATM Service logical connections function as bidirectional Permanent Virtual Connections (PVCs). ATM Service supports a point-to-point logical connection configuration between two ports. Logical Connections (PVCs) may be any of five Service Classes: Constant Bit Rate (CBR), Variable Bit Rate – real time (VBR-rt) and Variable Bit Rate – non-real time (VBR-nrt), Available Bit Rate (ABR) or Unspecified Bit Rate (UBR).

##### **a. Virtual Channel Connections (VCC)**

A VCC is a logical connection from one ATM Service Port to another ATM Service Port within the ATM Network.

VCCs are available with all Service Classes at selected Cell Transfer speed(s) depending on the customer's networking requirements which include appropriate overheads.

##### **b. Virtual Path Connections (VPC)**

A VPC is a collection of VCCs routed together as one unit, for which the customer has the ability to manage the speeds of the individual VCCs within the customer-designated Cell Transfer element.

VPCs are available as Constant Bit Rate (CBR), Variable Bit Rate – real time (VBR-rt) and Variable Bit Rate – non-real time (VBR-nrt) at customer-selected Cell Transfer speed(s), depending on the customer's networking requirements, which include appropriate overheads.

(C)  
(C)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**B.5. (Cont'd)**

(T)

- c. Logical connections are available at base speeds (64 kbps, 75 kbps, 1 Mbps or 1.787 Mbps) determined by the speed of the ATM and IMA Ports and the Service Classes selected (1.544 Mbps, 3 Mbps, 4.6 Mbps, 6.1 Mbps, 7.7 Mbps, 9.2 Mbps, 10.7 Mbps, 12.3 Mbps, 45 Mbps, 155 Mbps or 622 Mbps). The customer selects a base speed for each VCC or VPC they purchase which includes appropriate overheads. The bandwidth for each VCC or VPC is determined by multiplying the base speed by the number of increments of the base speed selected by the customer, 64 kbps is available up to 1.544 Mbps only. Technical Specifications for ATM Service are delineated in Qwest Corporation Technical Publication PUB 77378.

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Logical connections are available at the following incremental base speeds:

**CELL TRANSFER RATES OF SPEED:**

(C)

- Constant Bit Rate (CBR)
  - 64 kbps
  - 75 kbps
  - 1 Mbps
  - 1.787 Mbps
- Variable Bit Rate – real time (VBR-rt), Variable Bit Rate – non-real time (VBR-nrt), and Available Bit Rate (ABR) and Unspecified Bit Rate (UBR)
  - 64 kbps
  - 1 Mbps

(C)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.1 GENERAL**

B.5.c. (Cont'd)

**GRANDFATHERED AVAILABLE BASE SPEEDS AS OF NOVEMBER 16, 2001:**

On a 1.544 Mbps Port:  
Increments of 64 kbps  
Increments of 75 kbps  
Increments of 1 Mbps

On a 45 Mbps Port:  
Increments of 64 kbps  
Increments of 75 kbps  
Increments of 1 Mbps  
Increments of 1.544 Mbps  
Increments of 1.787 Mbps  
Increments of 40.7 Mbps

On a 155 Mbps Port:  
Increments of 64 kbps  
Increments of 75 kbps  
Increments of 1 Mbps  
Increments of 1.544 Mbps  
Increments of 1.787 Mbps  
Increments of 40.7 Mbps  
Increments of 149 Mbps

Unspecified Bit Rate Service offers bandwidth increments of 64 kbps and 1 Mbps.

(C)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

B.5.c. (Cont'd)

(T)

A customer may select multiple logical connections of different service classes on an ATM Service Port. The maximum speed of a single logical connection may not exceed 40.7 Mbps on a 45 Mbps port, 149 Mbps on a 155 Mbps port, or 149 Mbps on a 622 Mbps port.

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(C)(M)

## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.5 ATM SERVICE**

#### **8.5.1 GENERAL**

##### **B. Service Elements (Cont'd)**

##### **6. Service Classes**

ATM Service logical connections are provided as Constant Bit Rate (CBR), Variable Bit Rate – real time (VBR-rt), Variable Bit Rate – non-real time (VBR-nrt), Available Bit Rate (ABR) or Unspecified Bit Rate (UBR).

- Available Service Classes as of November 16, 2001

- Constant Bit Rate (CBR)

CBR supports a constant flow of information (Constant Bit Rate traffic). The Peak Cell Rate is the customer-selected upper limit for cell traffic on a logical connection, which includes appropriate overheads. When cells exceed the Peak Cell Rate for CBR logical connections, the cells are discarded upon entry into the ATM Service Network. The Peak Cell Rate of a CBR logical connection must be less than the speed of the associated port.

(C)

- Variable Bit Rate – real time (VBR-rt)

Supports bursty data traffic, with average and peak traffic parameters (e.g. voice and video applications). The VBR-rt is described by values representing a Sustained Cell Rate (SCR) and Peak Cell Rate (PCR). The SCR is the maximum average cell transmission rate on a given VCC. It allows the network to allocate sufficient network resources to guarantee network performance objectives. The SCR applies only to VBR traffic. The PCR is the maximum cell transmission rate (cells per second) per VCC. Maximum Burst Size (MBS) is used to define the maximum number of cells that can be sent at the PCR on an SCR connection at one time.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**B. Service Elements**

(T)

**6. Service Classes (Cont'd)**

- Variable Bit Rate – non real time (VBR-nrt)

(N)

Supports bursty data traffic, with average and peak traffic parameters, which is transported immediately (e.g. LAN and video applications). The VBR-rt is described by values representing a Sustained Cell Rate (SCR) and Peak Cell Rate (PCR). The SCR is the maximum average cell transmission rate on a given VCC. It allows the network to allocate sufficient network resources to guarantee network performance objectives. The SCR applies only to VBR traffic. The PCR is the maximum cell transmission rate (cells per second) per VCC. Maximum Burst Size (MBS) is used to define the maximum number of cells that can be sent at the PCR on an SCR connection at one time.

The Maximum Burst Size (MBS) is the maximum number of cells that can be sent at the peak cell rate on a Variable Bit Rate – real time (VBR-rt) or Variable Bit Rate – non real time (VBR-nrt) connection at one time. Sending a burst at MBS will require the connection to reduce its data rate below the sustained cell rate for a fixed period of time before the next burst can be sent. The maximum burst size levels available are:

- 100 Cells
- 200 Cells

The 100 cell burst size will be assigned unless the customer requests 200 cell burst.

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**B. Service Elements**

**6. Service Classes (Cont'd)**

(T)

- Available Bit Rate (ABR)

(N)

ATM layer transfer characteristics provided by the network may change subsequent to connection establishment, suitable for bursty data applications. A Minimum Cell Rate (MCR) and PCR will be applied to facilitate the bandwidth management based on a feedback mechanism.

(N)

- Unspecified Bit Rate (UBR)

(T)(M)

UBR is a best-effort service designed to support a connection carrying information at variable rates, over VCCs. The UBR Service does not provide traffic related service guarantees, specifically, per-connection bandwidth, cell loss, cell transfer delay and cell delay variation. The peak cell rate, which includes appropriate overheads, is the customer-selected, upper limit of cell traffic on a logical connection. The peak cell rate specifies the highest cell rate that will be allowed on a connection, but not guaranteed. When cells exceed the peak cell rate for UBR logical connections, the cells are discarded upon entry into the ATM Network. The peak cell rate of a UBR logical connection may equal, but not exceed, the speed of the associated port.

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**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

B. Service Elements

6. Service Classes (Cont'd)

(T)

- Grandfathered Service Classes as of November 16, 2001

(N)

- Peak Cell Rate Service (PCRS)

(M)

PCRS supports VCCs and VPCs carrying a constant flow of information (Constant Bit Rate traffic). The Peak Cell Rate is the customer-selected upper limit for cell traffic on a logical connection, which includes appropriate overheads. When cells exceed the Peak Cell Rate for PCRS logical connections, the cells are discarded upon entry into the ATM Service Network. The Peak Cell Rate of a PCRS logical connection must be less than the speed of the associated port.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**B. Service Elements**

**6. Service Classes (Cont'd)**

(T)

- Grandfathered Service Classes as of November 16, 2001 (Cont'd)

- Sustained Cell Rate Service (SCRS)

(M)

SCRS supports VCCs carrying information at variable rates (Variable Bit Rate traffic). The Sustained Cell Rate is the average cell rate, including bursts above the average, that can be sustained over an SCRS logical connection. The customer selects the bandwidth characteristics of an SCRS logical connection by choosing the appropriate Sustained Cell Rate, which includes appropriate overheads. A customer may also select maximum burst size levels of 32 cells, 100 cells or 200 cells over a SCRS logical connection at a rate equal to a Peak Cell Rate chosen by the customer, or the port speed when no Peak Cell Rate is chosen. However, the average cell rate transmitted for that logical connection must equal the chosen Sustained Cell Rate. The Peak Cell Rate of an SCRS logical connection may equal, but not exceed, the speed of the associated port.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

B. Service Elements

6. Service Classes (Cont'd)

(T)

- Grandfathered Service Classes as of November 16, 2001 (Cont'd)

- Maximum Burst Size

(M)

The Maximum Burst Size (MBS) is the maximum number of cells that can be sent at the Peak Cell Rate on a SCRS connection at one time. Sending a burst at MBS will require the connection to reduce its data rate below the SCR for a fixed period of time before the next burst can be sent. The maximum burst size levels available are:

- 32 Cells - accommodating one Ethernet Frame
- 100 Cells - accommodating one Token Ring Frame
- 200 Cells - accommodating one FDDI Frame

The 32 cell burst size will be assigned unless the customer requests a different level. The MBS of 200 Cells will require the customer to purchase a minimum of 4 Mbps of SCRS service for each VCC.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.1 GENERAL**

**B. Service Elements (Cont'd)**

**7. Cell Transfer**

The Cell Transfer service element transfers information between Network Interfaces connected to the ATM Service network at speed(s) selected by the customer for VCCs or VPCs. The customer must designate whether the Cell Transfer for each logical connection is CBR, VBR-rt, VBR-nrt, ABR or UBR.

The total speed of Cell Transfer elements on a customer's ATM Service configuration may not exceed the associated Cell Transfer port speed (1.544 Mbps, 45 Mbps, 155 Mbps or 622 Mbps).

**8. Central Office Connecting Channel (COCC)**

A COCC provides the ongoing interconnection from a private line transport facility which requires multiplexing to be compatible with ATM Service transmission speeds or requires port-to-port connectivity. A COCC may be used to connect a Stand-Alone Optical Access Link to a private line transport facility. The COCC provides connectivity up to 1.544 Mbps, or up to 45 Mbps, or up to 155 Mbps or up to 622 Mbps.

(C)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.1 GENERAL**

**B. Service Elements**

**9. 45 or 155 Mbps OAL Protection Option**

(T)

45 or 155 Mbps OAL Protection provides added reliability to ATM Service transported over fiber optic facilities. This feature provides a separate facility path within the same conduit, cable, sheath, etc. for the protection system between the Serving Wire Center and the network interface. The 45 or 155 Mbps OAL Protection does not provide for diverse facilities into the building. A customer may request that the facilities used to provide ATM Service be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Diversity) are as set forth in Section 11, following.

(M)

(M)

This added protection is provided by ensuring that backup electronics and two logically separate facility paths are used in the provisioning of the service. One primary (or working) service path is established between the Serving Wire Center and the customer designated premises. In addition, a protect path is provisioned between the customer designated premises and the Serving Wire Center. In the event that the working facility or electronics fail, or the service performance becomes impaired, i.e., the bit error rate degenerates to less than or equal to 10 to the minus 6, the facility automatically switches to the service protect path in order to maintain a near continuous flow of information between locations.

The offering of 45 or 155 Mbps OAL Protection contemplates the use of existing facilities. Facilities requiring Special Construction will be provided under Tariff F.C.C. No. 2.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE (Cont'd)** (T)

**8.5.2 REGULATIONS**

**A. General**

1. The initial order for ATM Service must be for a fixed period of 12, 24, 36, 48 or 60 months, as set forth in 8.5.4. At the end of the initial service period, the service may be obtained on a month-to-month basis or for any of the specified fixed service periods. Effective November 16, 2001, 72 and 84 month fixed period service rate plans will no longer be available to new customers or for renewal by existing customers. (T)  
(C)  
(C)  
(C)

If an existing customer, with an existing Fixed Period Service Rate Plan, places a subsequent order to add an ATM Access Link at the same customer premises where fiber facilities are currently available, the new ATM Access Link may be initially ordered as month-to-month. (C)  
(C)

2. A subsequent order to add ATM Access Links and/or logical connections (VCCs or VPCs) to an existing fixed period service pricing plan must be for a fixed period of 12, 24, 36, 48 or 60 months, or for the remainder of the existing fixed period service pricing plan, provided the remainder of the existing plan is at least the minimum period for that plan, as set forth in 8.5.4.A. If the remaining term is less than the associated minimum period, the minimum term for the added Access Link and/or logical connections shall be the associated minimum period. (C)  
(C)
3. A customer may access ATM Service via an ATM Access Link or via Company-provided digital PLTS. A customer utilizing PLTS to access ATM Service does not incur a nonrecurring charge or monthly rate for an ATM Access Link, but does incur a monthly rate and a nonrecurring charge for a Central Office Connecting Channel and all other monthly rates and nonrecurring charges normally associated with the ordering, installing and provisioning of ATM Service, as set forth in 8.5.5. (C)  
(T)  
(T)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE (Cont'd)**

**8.5.3 RATE ELEMENTS**

**A. ATM Access Link**

**1. DS1 Access Link**

A nonrecurring charge and monthly rate apply per DS1.

**2. IMA Access Link**

A nonrecurring charge and monthly rate apply per DS1 bundle. When increasing the number of existing Mbps, a subsequent order charge will apply per 1.544 Mbps increment added.

(C)  
|  
(C)

**3. Optical Access Link (OAL)**

- A nonrecurring charge and monthly rate, both based on the speed of the OAL (45 Mbps, 155 Mbps or 622 Mbps), apply per OAL for each physical connection to the ATM Service Network. The OAL may be optioned with 45 Mbps or 155 Mbps Protection.

**4. Stand-Alone Optical Access Link (SAOAL)**

A nonrecurring charge and monthly rate, both based on the speed of the SAOAL (45 Mbps or 155 Mbps), apply per SAOAL. The SAOAL may be optioned with 45 Mbps or 155 Mbps Protection.



**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.3 RATE ELEMENTS (Cont'd)**

**B. ATM and IMA Ports**

A nonrecurring and recurring charge applies per port based on the transmission speed. ATM Port transmission speeds are 1.544 Mbps, 45 Mbps, 155 Mbps and 622 Mbps. IMA Port transmission speeds are 3 Mbps, 4.6 Mbps, 6.1 Mbps, 7.7 Mbps, 9.2 Mbps, 10.7 Mbps and 12.3 Mbps. When increasing the number of existing Mbps associated with an IMA Port, a subsequent order charge will apply per 1.544 Mbps increment added.

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(C)

**C. Cell Transfer**

A nonrecurring charge applies to each logical connection (VCC or VPC) on an ATM Service configuration. A monthly rate applies for the total bandwidth of all logical connections, based on the Service Classes, CBR, VBR-rt, VBR-nrt, ABR or UBR, the number of 64 kbps, 75 kbps 1 Mbps, 1.544 Mbps or 1.787 Mbps increments of bandwidth provided on the connections.

Bandwidth increments of 75 kbps and 1.787 Mbps are only available with the CBR Service Class.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.3 RATE ELEMENTS**

**D. Grandfathered Cell Transfer as of November 16, 2001**

(C)(M)

1. A "First" nonrecurring charge per port applies for the first logical connection (VCC or VPC) on an ATM Service configuration. An "Each Additional" nonrecurring charge applies for each additional logical connection ordered on the same ATM Service Port, installed at the same time (same due date) for the same customer of record as the first logical connection. A Cell Transfer fixed nonrecurring charge also applies per port, based on the port speed. A Cell Transfer fixed monthly rate applies, based on the port speed, for each ATM Service OAL, or Synchronous Service Transport (SST), or DS3 connection to the network supporting ATM Service. A variable, or incremental, monthly rate applies per port for the total bandwidth of all logical connections, based on the service type (PCRS, SCRS or UBR) of the connections, the speed of the port and the number of 64 kbps, 75 kbps 1 Mbps, 1.544 Mbps, 1.787 Mbps, 40.7 Mbps or 149 Mbps increments of bandwidth, or fraction thereof, provided on the connections.

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(T)
2. Bandwidth increments of 75 kbps, 1.787 Mbps, 40.7 Mbps, and 149 Mbps are not available with SCRS. Bandwidth increments of 75 kbps, 1.544 Mbps, 1.787 Mbps, 40.7 Mbps and 149 Mbps are not available with UBR.

(T)(M)
3. A SCRS Maximum Burst Size monthly rate applies per VCC based on the cell level of 100 or 200. In addition, the Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of SCRS for each VCC.
4. A nonrecurring charge applies for each subsequent order to add or to change logical connections on an existing ATM Service configuration, in addition to the "First" and "Each Additional" nonrecurring charges for the logical connections in the subsequent order.

(T)

Certain material on this page formerly appeared on Pages 8-334.

Certain material previously found on this page can now be found on Page 8-335.1.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.3 RATE ELEMENTS**

**D. Grandfathered Cell Transfer (Cont'd)**

5. "First" nonrecurring charge applies for the first logical connection VCC on an LSS/LSS or LSS/ATM Service configuration. "Each Additional" nonrecurring charge applies for each additional logical connection ordered on the same LSS/LSS or LSS/ATM Service configuration, installed at the same time (same due date) for the same customer of record as the first logical connection. A nonrecurring charge applies for each subsequent order to add or to change logical connections on an existing LSS/LSS or LSS/ATM Service configuration, in addition to the "First" and "Each Additional" nonrecurring charges for the logical connections in the subsequent order.

**E. Central Office Connecting Channel (COCC)**

A nonrecurring charge and a monthly rate apply per COCC, per speed of up to 1.544 Mbps, up to 45 Mbps, or up to 155 Mbps, or up to 622 Mbps. The COCC charges are applicable only if the ATM Access Link is provided by the customer or is provided out of Section 7, 17 or 15.

(C)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE (Cont'd)** (T)

**8.5.4 PRICING PLANS**

A. General

ATM Service must be initially ordered under a Fixed Period Service Rate Plan. (T)  
The rate plan allows the ATM Service customer the assurance of no Company- (T)  
initiated increases in rates during the fixed period. At the end of the initial service  
period, the service may be obtained on a month-to-month basis or any of the  
specified fixed period service rate periods.

If an existing customer, with an existing Fixed Period Service Rate Plan, places a (C)  
subsequent order to add an ATM Access Link at the same customer premises (C)  
where facilities are currently available, the new ATM Access Link may be initially  
ordered as month-to-month.

B. Fixed Period Service Rate Plan (T)

ATM customers may order 12, 24, 36, 48 or 60 month fixed period service rate (C)  
plans for transmission speeds of 1.544 Mbps, 45 Mbps, 155 Mbps and 622 Mbps  
at the rates set forth in 8.5.5, following. Effective November 16, 2001, 72 and 84  
month fixed period service rate plans will no longer be available to new customers  
or for renewal by existing customers. Rates for existing customers as of  
November 16, 2001 are set forth in 8.5.6, following. (C)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.4 PRICING PLANS (Cont'd)**

**C. Terms and Conditions**

1. Monthly rates for the entire fixed period will be frozen from Company-initiated increases, at the rates in effect for the fixed period on the service date.
2. The customer must specify the length of the fixed period at the time the service is ordered.
3. ATM Service rate elements may be ordered under any optional rate plan. For example, the customer may order the Access Link under the 36-month fixed period service rate plan and the Cell Transfer under the 60-month fixed period service rate plan.
4. Fixed Period Rate Plans established on or before August 31, 1998, will automatically receive a rate decrease if the Company decreases rates during the term of the plan. Effective September 1, 1998, customers establishing a Fixed Period Rate Plan, will not receive a rate decrease if the Company decreases rates during the term of the plan.

(T)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.4 PRICING PLANS**

C. Terms and Conditions (Cont'd)

(T)

5. At the end of the fixed period, the customer may select a new fixed period, convert to monthly rates (month-to-month) or terminate the service. The rates will be those in effect at the time the new fixed period begins. Should the customer fail to make a choice by the end of a fixed period, the service will automatically revert to the effective monthly (month-to-month) rates. If service is continued under the pricing plans, nonrecurring charges will not apply.
6. The minimum service period for fixed period service rate plan is 12 months. When VCCs and VPCs are added to an existing ATM Service, the minimum service period for the added VCCs and VPCs is one month. VCCs and VPCs may be added to an existing fixed period on a month-to-month basis or under the same optional rate plan as the existing ATM Service but at the rates and charges in effect at the time of the addition.
7. Phased-In Installation will apply to all ATM Service customers whose fixed-period service pricing plan began after April 7, 1998.

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Under Phased-In Installation, monthly rates and nonrecurring charges for all ATM Service elements installed during the first 12 months of a multiyear, fixed-period service plan, or installed at anytime during a 1-year, fixed-period service plan, will be those rates and charges which were in effect on the date the first element of the service configuration was installed; unless a decrease in a rate or charge occurs, in which case the lower rate or charge applies.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.4 PRICING PLANS**

**D. ATM Service Renewal Discount Plan for Fixed Period Rate Plans**

(T)

ATM customers with an existing Fixed Period Rate Plan (Pricing Plan) which has expired or is within 3 months of the expiration date may subscribe to a new 12-Month or greater Pricing Plan and receive a discount on selected rate elements from the current Fixed Period Rate Plan monthly rates and at a reduced TLA%. The Termination Liability and Wavier Policy as set forth in 8.1.5, preceding, will not apply to the existing rate plan that is being renewed.

(N)

The new discounted 12-Month or greater Fixed Period Rate Plan will be rated at the current tariff rates for the selected Pricing Plan less the applicable renewal discount as set forth below. The discount will only be applied to Pricing Plan recurring rates for selected rate elements and will not be applied to nonrecurring rates or rate elements on month-to-month. A new minimum service period does not apply to these renewals, however the Termination Liability and Wavier Policy as set forth in 8.1.5, preceding, will apply to the new Pricing Plan but with a 20% TLA in lieu of 40%.

This ATM Service Renewal Discount Plan is only available where facilities exist.

<b>Discounted Rate Elements</b>	<b>Discount %</b>
• ATM Ports:	
- 1.544 Mbps[1]	5%
- 44.736 Mbps to 622 Mbps	10%
• Cell Transfer:	
- 1.544 Mbps[1]	5%
- 44.736 Mbps to 622 Mbps	10%
• Central Office Connecting Channel COCC):	
- Up to 1.544 Mbps[1]	5%
- Up to 45, 155, or 622 Mbps	10%

[1] This discount is not available to IMA Ports.

(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.4 PRICING PLANS (Cont'd)**

**E. Changes to Rate Plans**

(T)

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a fixed period service rate plan at any time the customer chooses without incurring nonrecurring charges or Termination Liability. This upgrade will be allowed provided the channel interface and the customer designated premises remain the same. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded.

The monthly rates will be those in effect at the time the new fixed period begins. New minimum service periods apply to upgrades in rate plans.

If a customer chooses to change an existing service provided under a fixed period service rate plan to a month-to-month plan, the change will be treated as a discontinuance of the existing service and an establishment of new service. Appropriate Termination Liability, as set forth in 8.1.5, and a new minimum period will apply in addition to the new monthly rates for the service.

**F. Discontinuance of Service**

(T)

If the customer chooses to discontinue all or a portion of the service (equaling more than 20% of the total monthly rate) prior to the expiration of the fixed period service, Termination Liability, as set forth in 8.1.5, will apply. A minimum billing level of 80% of the total monthly rates will be used to calculate Termination Liability. The minimum billing level is based on the monthly rate as of the service established date, plus any additions to the service after the service established date.



**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE (Cont'd)**

**8.5.5 RATES AND CHARGES**

**A. Monthly**

ATM Service may be ordered as monthly once the initial requirement to order the service as a fixed period service rate plan has been satisfied.

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
<b>1. ATM Access Links</b>			
• DS1 Access Link, per Access Link			
- 1.544 Mbps	N7A1M	\$ 500.00	\$ 138.00
• IMA Access Link, per Access Link			
- 3 Mbps	N7A1M	1,000.00	276.00
- 4.6 Mbps	N7A1M	1,500.00	414.00
- 6.1 Mbps	N7A1M	2,000.00	552.00
- 7.7 Mbps	N7A1M	2,500.00	690.00
- 9.2 Mbps	N7A1M	3,000.00	828.00
- 10.7 Mbps	N7A1M	3,500.00	966.00
- 12.3 Mbps	N7A1M	4,000.00	1,104.00
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
• Per Subsequent Order for IMA Access Link, per 1.544 Mbps, DS1	NHCBL	\$500.00	

(N)  
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 (N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

A. Monthly (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
• Optical Access Link, per Access Link				(T)(M)
- 45 Mbps	N7AXM	\$1,000.00 (I)	\$ 914.00 (I)	
- 155 Mbps	N7AXM	1,000.00 (I)	1,371.00 (I)	(M)
- 622 Mbps	N7AXM	1,000.00	3,153.00	(N)
- 45 Mbps with protection	N7ARM	1,500.00 (I)	1,650.00 (I)	(T)(M)
- 155 Mbps with protection	N7ARM	1,500.00 (I)	3,504.00 (I)	(T)(M)
• Stand-Alone Optical Access Link, per Access Link				(T)
- 45 Mbps	N1AXM	1,000.00 (I)	914.00 (I)	
- 155 Mbps	N1AXM	1,000.00 (I)	1,371.00 (I)	
- 45 Mbps with protection	N1ARM	1,500.00 (I)	1,650.00 (I)	(T)
- 155 Mbps with protection	N1ARM	1,500.00 (I)	3,504.00 (I)	(T)
2. ATM Ports, per port				(T)(M)
• 1.544 Mbps	C3TXM	200.00 (I)	240.00 (R)	
• 45 Mbps	C3TXM	200.00 (I)	600.00 (I)	
• 155 Mbps	C3TXM	200.00 (I)	1,090.00 (I)	(M)
• 622 Mbps	C3TXM	200.00	2,500.00	(N)

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1801 California Street, Denver, Colorado 80202

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**A. Monthly (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
<b>3. IMA Ports, per port</b>				
• 3 Mbps	UUTAX	\$ 400.00	\$ 480.00	
• 4.6 Mbps	UUTBX	600.00	720.00	
• 6.1 Mbps	UUTCX	800.00	960.00	
• 7.7 Mbps	UUTDX	1,000.00	1,200.00	
• 9.2 Mbps	UUTEX	1,200.00	1,440.00	
• 10.7 Mbps	UUTFX	1,400.00	1,680.00	
• 12.3 Mbps	UUTGX	1,600.00	1,920.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		
• Per Subsequent Order for IMA Ports, per 1.544 Mbps, DS1	NHCBM	\$200.00		(N)   (N)
<b>4. Cell Transfer</b>				
• Per VCC	NHCNA	100.00		
• Per VPC	NHCNB	100.00		
• Per Subsequent Order for VCC or VPC	NR9AZ	160.00		(M) (M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

A. Monthly

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNSM	\$3.20
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNSM	3.20
- 45 Mbps port	CTNSM	3.20
- 155 Mbps port	CTNSM	3.20
- 622 Mbps port	CTNSM	3.20
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 75 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNWM	3.71
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNWM	3.71
- 45 Mbps port	CTNWM	3.71
- 155 Mbps port	CTNWM	3.71
- 622 Mbps port	CTNWM	3.71

(N)

(N)

[1] 64 kbps and 75 kbps PVC increments are only available up to 1.536 Mbps.

Material previously found on this page is no longer available.

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1801 California Street, Denver, Colorado 80202

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

A. Monthly

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNUM	\$45.00
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNUM	45.00
- 45 Mbps port	CTNUM	45.00
- 155 Mbps port	CTNUM	45.00
- 622 Mbps port	CTNUM	45.00
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1.787 Mbps Total bandwidth</li> </ul>		
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNYM	80.42
- 45 Mbps port	CTNYM	80.42
- 155 Mbps port	CTNYM	80.42
- 622 Mbps port	CTNYM	80.42

(N)

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

A. Monthly

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Variable Bit Rate - real time, (VBR-rt), per 64 kbps [1] Increment of total bandwidth		
- 45 Mbps port	CTNLM	\$ 2.72
- 155 Mbps port	CTNLM	2.72
- 622 Mbps port	CTNLM	2.72
• Variable Bit Rate - real time, (VBR-rt), per 1 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNMM	38.25
- 155 Mbps port	CTNMM	38.25
- 622 Mbps port	CTNMM	38.25

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Material previously found on this page is no longer available.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

A. Monthly

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNRM	\$ 2.40
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNRM	2.40
- 45 Mbps port	CTNRM	2.40
- 155 Mbps port	CTNRM	2.40
- 622 Mbps port	CTNRM	2.40
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNVM	33.75
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNVM	33.75
- 45 Mbps port	CTNVM	33.75
- 155 Mbps port	CTNVM	33.75
- 622 Mbps port	CTNVM	33.75

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Material previously found on this page is no longer available.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

A. Monthly

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Cell Bursting for VBR-rt and VBR-nrt,			
- 100 Cells	AS3M1	-	
- 200 Cells	CTS2M	\$20.00	(M)
• Available Bit Rate Service, (ABR), per 64 kbps[1] Increment of total bandwidth			
- 45 Mbps port	CTNOM	1.60	
- 155 Mbps port	CTNOM	1.60	
- 622 Mbps port	CTNOM	1.60	
• Available Bit Rate (ABR), (ABR), per 1 Mbps Increment of total bandwidth			
- 45 Mbps port	CTNPM	22.50	
- 155 Mbps port	CTNPM	22.50	
- 622 Mbps port	CTNPM	22.50	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

A. Monthly

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 64 kbps[1] Increment of total bandwidth			
- 1.544 Mbps port	CTUEM	\$ 1.12	
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTUEM	1.12	
- 45 Mbps port	CTUEM	1.12	
- 155 Mbps port	CTUEM	1.12	
- 622 Mbps port	CTUEM	1.12	
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth			
- 1.544 Mbps port	CTUCM	15.75	
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTUCM	15.75	(T)
- 45 Mbps port	CTUCM	15.75	
- 155 Mbps port	CTUCM	15.75	
- 622 Mbps port	CTUCM	15.75	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

A. Monthly (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
5. Central Office Connecting Channel (COCC), per COCC				(T)
- Up to 1.544 Mbps (Includes IMA)	CFN2M	\$25.00	\$ 1.00	(N)
- Up to 45, 155 or 622 Mbps	CFN2M	25.00	15.00	(N)

Certain material previously found on this page can now be found on Page 8-348.  
Certain material on this page formerly appeared on Page 8-350.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES (Cont'd)**

B. 12 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
1. ATM Access Links			
• DS1 Access Link, per Access Link			
- 1.544 Mbps	N7A11	\$ 500.00	\$ 131.10
• IMA Access Link, per Access Link			
- 3 Mbps	N7A11	1,000.00	262.20
- 4.6 Mbps	N7A11	1,500.00	393.30
- 6.1 Mbps	N7A11	2,000.00	524.40
- 7.7 Mbps	N7A11	2,500.00	655.50
- 9.2 Mbps	N7A11	3,000.00	786.60
- 10.7 Mbps	N7A11	3,500.00	917.70
- 12.3 Mbps	N7A11	4,000.00	1,048.80
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
• Per Subsequent Order for IMA Access Link, per 1.544 Mbps, DS1	NHCBL	\$500.00	

(N)  
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 (N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**B. 12 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
• Optical Access Link, per Access Link				
- 45 Mbps	N7AX1	\$1,000.00	\$ 868.30	
- Vintage				(T)
10/02/95 through 11/15/01			674.50	(T)
- 155 Mbps	N7AX1	1,000.00	1,302.45	
- Vintage				(T)
10/02/95 through 11/15/01			1,007.00	(T)
- 622 Mbps	N7AX1	1,000.00	2,995.35	
- 45 Mbps with protection	N7AR1	1,500.00	1,567.50	
- Vintage				(T)
3/15/97 through 11/15/01			1,140.00	(T)
- 155 Mbps with protection	N7AR1	1,500.00	3,328.80	
- Vintage				(T)
3/15/97 through 11/15/01			2,660.00	(T)
• Stand-Alone Optical Access Link, per Access Link				
- 45 Mbps	N1AX1	1,000.00	868.30	
- Vintage				(T)
10/02/95 through 11/15/01			674.50	(T)
- 155 Mbps	N1AX1	1,000.00	1,302.45	
- Vintage				(T)
10/02/95 through 11/15/01			1,007.00	(T)
- 45 Mbps with protection	N1AR1	1,500.00	1,567.50	
- Vintage				(T)
3/15/97 through 11/15/01			1,140.00	(T)
- 155 Mbps with protection	N1AR1	1,500.00	3,328.80	
- Vintage				(T)
3/15/97 through 11/15/01			2,660.00	(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**B. 12 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
2. ATM Ports, per port				
• 1.544 Mbps	C3TX1	\$200.00	\$228.00	(T)
- Vintage				(T)
7/15/97 through 11/15/01			266.00	
• 45 Mbps	C3TX1	200.00	570.00	(T)
- Vintage				(T)
10/02/95 through 11/15/01			418.00	
• 155 Mbps	C3TX1	200.00	1,035.50	(T)
- Vintage				(T)
03/15/97 through 11/15/01			760.00	
• 622 Mbps	C3TX1	200.00	2,375.00	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**B. 12 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
<b>3. IMA Ports, per port</b>				
• 3 Mbps	UUTA1	\$ 400.00	\$ 456.00	
• 4.6 Mbps	UUTB1	600.00	684.00	
• 6.1 Mbps	UUTC1	800.00	912.00	
• 7.7 Mbps	UUTD1	1,000.00	1,140.00	
• 9.2 Mbps	UUTE1	1,200.00	1,368.00	
• 10.7 Mbps	UUTF1	1,400.00	1,596.00	
• 12.3 Mbps	UUTG1	1,600.00	1,824.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		
• Per Subsequent Order for IMA Ports, per 1.544 Mbps, DS1	NHCBM	\$200.00		(N)   (N)
<b>4. Cell Transfer</b>				
• Per VCC	NHCNA	100.00		
• Per VPC	NHCNB	100.00		
• Per Subsequent Order for VCC or VPC	NR9AZ	160.00		(M) (M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNS1	\$3.04
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNS1	3.04
- 45 Mbps port	CTNS1	3.04
- 155 Mbps port	CTNS1	3.04
- 622 Mbps port	CTNS1	3.04
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 75 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNW1	3.53
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNW1	3.53
- 45 Mbps port	CTNW1	3.53
- 155 Mbps port	CTNW1	3.53
- 622 Mbps port	CTNW1	3.53

(N)

[1] 64 kbps and 75 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Pages 8-351 and 8-400.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNU1	\$42.75
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNU1	42.75
- 45 Mbps port	CTNU1	42.75
- 155 Mbps port	CTNU1	42.75
- 622 Mbps port	CTNU1	42.75
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1.787 Mbps Total bandwidth</li> </ul>		
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNY1	76.39
- 45 Mbps port	CTNY1	76.39
- 155 Mbps port	CTNY1	76.39
- 622 Mbps port	CTNY1	76.39

(N)

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Variable Bit Rate - real time, (VBR-rt), per 64 kbps [1] Increment of total bandwidth		
- 45 Mbps port	CTNL1	\$ 2.58
- 155 Mbps port	CTNL1	2.58
- 622 Mbps port	CTNL1	2.58
• Variable Bit Rate - real time, (VBR-rt), per 1 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNM1	36.34
- 155 Mbps port	CTNM1	36.34
- 622 Mbps port	CTNM1	36.34

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-402.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNR1	\$ 2.28
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNR1	2.28
- 45 Mbps port	CTNR1	2. 28
- 155 Mbps port	CTNR1	2. 28
- 622 Mbps port	CTNR1	2. 28
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNV1	32.06
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNV1	32.06
- 45 Mbps port	CTNV1	32.06
- 155 Mbps port	CTNV1	32.06
- 622 Mbps port	CTNV1	32.06

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-403.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Cell Bursting for VBR-rt and VBR-nrt			
- 100 Cells	AS3M1	-	
- 200 Cells	CTS21	\$19.00	
• Available Bit Rate Service, (ABR), per 64 kbps[1] Increment of total bandwidth			(M)
- 45 Mbps port	CTNO1	1.52	
- 155 Mbps port	CTNO1	1.52	
- 622 Mbps port	CTNO1	1.52	
• Available Bit Rate Service, (ABR), per 1 Mbps Increment of total bandwidth			
- 45 Mbps port	CTNP1	21.38	
- 155 Mbps port	CTNP1	21.38	
- 622 Mbps port	CTNP1	21.38	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

Certain material previously found on this page can now be found on Page 8-352.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 64 kbps[1] Increment of total bandwidth			
- 1.544 Mbps port	CTUE1	\$1.06	
- Vintage 6/30/98 through 11/15/01		0.76	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUE1	1.06	
- 45 Mbps port	CTUE1	1.06	
- Vintage 6/30/98 through 11/15/01		0.76	(T) (T)
- 155 Mbps port	CTUE1	1.06	
- Vintage 6/30/98 through 11/15/01		0.76	(T) (T)
- 622 Mbps port	CTUE1	1.06	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

B. 12 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth			
- 1.544 Mbps port	CTUC1	\$14.96	
- Vintage 6/30/98 through 11/15/01		11.40	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUC1	14.96	
- 45 Mbps port	CTUC1	14.96	
- Vintage 6/30/98 through 11/15/01		11.40	(T) (T)
- 155 Mbps port	CTUC1	14.96	
- Vintage 6/30/98 through 11/15/01		11.40	(T) (T)
- 622 Mbps port	CTUC1	14.96	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

B. 12 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
5. Central Office Connecting Channel (COCC), per COCC				(T)
- Up to 1.544 Mbps (Includes IMA)	CFN21	\$25.00	\$ 0.95	(N)
- Up to 45, 155 or 622 Mbps	CFN21	25.00	14.25	(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES (Cont'd)**

C. 24 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
1. ATM Access Links				
• DS1 Access Link, per Access Link				
- 1.544 Mbps	N7A12	\$ 500.00	\$124.20	
• IMA Access Link, per Access Link				
- 3 Mbps	N7A12	1,000.00	248.40	
- 4.6 Mbps	N7A12	1,500.00	372.60	
- 6.1 Mbps	N7A12	2,000.00	496.80	
- 7.7 Mbps	N7A12	2,500.00	621.00	
- 9.2 Mbps	N7A12	3,000.00	745.20	
- 10.7 Mbps	N7A12	3,500.00	869.40	
- 12.3 Mbps	N7A12	4,000.00	993.60	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		(N)
• Per Subsequent Order for IMA Access Link, per 1.544 Mbps, DS1	NHCBL	\$500.00		(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

C. 24 Months (Cont'd)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	
• Optical Access Link, per Access Link				
- 45 Mbps	N7AX2	\$1,000.00	\$ 822.60	
- Vintage				(T)
10/02/95 through 11/15/01			665.63	(T)
- 155 Mbps	N7AX2	1,000.00	1,233.90	
- Vintage				(T)
10/02/95 through 11/15/01			993.75	(T)
- 622 Mbps	N7AX2	1,000.00	2,837.70	
- 45 Mbps with protection	N7AR2	1,500.00	1,485.00	
- Vintage				(T)
3/15/97 through 11/15/01			1,125.00	(T)
- 155 Mbps with protection	N7AR2	1,500.00	3,153.60	
- Vintage				(T)
3/15/97 through 11/15/01			2,625.00	(T)
• Stand-Alone Optical Access Link, per Access Link				
- 45 Mbps	N1AX2	1,000.00	822.60	
- Vintage				(T)
10/02/95 through 11/15/01			665.63	(T)
- 155 Mbps	N1AX2	1,000.00	1,233.90	
- Vintage				(T)
10/02/95 through 11/15/01			993.75	(T)
- 45 Mbps with protection	N1AR2	1,500.00	1,485.00	
- Vintage				(T)
3/15/97 through 11/15/01			1,125.00	(T)
- 155 Mbps with protection	N1AR2	1,500.00	3,153.60	
- Vintage				(T)
3/15/97 through 11/15/01			2,625.00	(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**C. 24 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
2. ATM Ports, per port			
• 1.544 Mbps	C3TX2	\$200.00	\$ 216.00
- Vintage			
7/15/97 through 11/15/01			262.50
• 45 Mbps	C3TX2	200.00	540.00
- Vintage			
10/02/95 through 11/15/01			412.50
• 155 Mbps	C3TX2	200.00	981.00
- Vintage			
3/15/97 through 11/15/01			750.00
• 622 Mbps	C3TX2	200.00	2,250.00

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**C. 24 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
<b>3. IMA Ports, per port</b>				
• 3 Mbps	UUTA2	\$ 400.00	\$ 432.00	
• 4.6 Mbps	UUTB2	600.00	648.00	
• 6.1 Mbps	UUTC2	800.00	864.00	
• 7.7 Mbps	UUTD2	1,000.00	1,080.00	
• 9.2 Mbps	UUTE2	1,200.00	1,296.00	
• 10.7 Mbps	UUTF2	1,400.00	1,512.00	
• 12.3 Mbps	UUTG2	1,600.00	1,728.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		
• Per Subsequent Order for IMA Ports, per 1.544 Mbps, DS1	NHCBM	\$200.00		(N)   (N)
<b>4. Cell Transfer</b>				
• Per VCC	NHCNA	100.00		
• Per VPC	NHCNB	100.00		
• Per Subsequent Order for VCC or VPC	NR9AZ	160.00		(M) (M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNS2	\$2.88
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNS2	2.88
- 45 Mbps port	CTNS2	2.88
- 155 Mbps port	CTNS2	2.88
- 622 Mbps port	CTNS2	2.88
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 75 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNW2	3.34
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNW2	3.34
- 45 Mbps port	CTNW2	3.34
- 155 Mbps port	CTNW2	3.34
- 622 Mbps port	CTNW2	3.34

(N)

[1] 64 kbps and 75 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-361.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNU2	\$40.50
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNU2	40.50
- 45 Mbps port	CTNU2	40.50
- 155 Mbps port	CTNU2	40.50
- 622 Mbps port	CTNU2	40.50
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1.787 Mbps Total bandwidth</li> </ul>		
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNY2	72.37
- 45 Mbps port	CTNY2	72.37
- 155 Mbps port	CTNY2	72.37
- 622 Mbps port	CTNY2	72.37

(N)

(N)

Certain material previously found on this page can now be found on Pages 8-361 and 8-362.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - real time, (VBR-rt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 45 Mbps port	CTNL2	\$ 2.45
- 155 Mbps port	CTNL2	2.45
- 622 Mbps port	CTNL2	2.45
<ul style="list-style-type: none"> <li>Variable Bit Rate - real time, (VBR-rt), per 1 Mbps [1] Increment of total bandwidth</li> </ul>		
- 45 Mbps port	CTNM2	34.43
- 155 Mbps port	CTNM2	34.43
- 622 Mbps port	CTNM2	34.43

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-408.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNR2	\$ 2.16
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNR2	2.16
- 45 Mbps port	CTNR2	2.16
- 155 Mbps port	CTNR2	2.16
- 622 Mbps port	CTNR2	2.16
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNV2	30.38
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNV2	30.38
- 45 Mbps port	CTNV2	30.38
- 155 Mbps port	CTNV2	30.38
- 622 Mbps port	CTNV2	30.38

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-409.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Cell Bursting for VBR-rt and VBR-nrt			
- 100 Cells	AS3M1	-	
- 200 Cells	CTS22	\$18.00	(M)
• Available Bit Rate, (ABR), per 64 kbps[1] Increment of total bandwidth			
- 45 Mbps port	CTNO2	1.44	
- 155 Mbps port	CTNO2	1.44	
- 622 Mbps port	CTNO2	1.44	
• Available Bit Rate, (ABR), per 1 Mbps Increment of total bandwidth			
- 45 Mbps port	CTNP2	20.25	
- 155 Mbps port	CTNP2	20.25	
- 622 Mbps port	CTNP2	20.25	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

Certain material previously found on this page can now be found on Page 8-362.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 64 kbps[1] Increment of total bandwidth			
- 1.544 Mbps port	CTUE2	\$1.01	
- Vintage 6/30/98 through 11/15/01		0.75	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUE2	1.01	
- 45 Mbps port	CTUE2	1.01	
- Vintage 6/30/98 through 11/15/01		0.75	(T) (T)
- 155 Mbps port	CTUE2	1.01	
- Vintage 6/30/98 through 11/15/01		0.75	(T) (T)
- 622 Mbps port	CTUE2	1.01	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.



**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

C. 24 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth			
- 1.544 Mbps port	CTUC2	\$14.18	
- Vintage 6/30/98 through 11/15/01		11.25	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUC2	14.18	
- 45 Mbps port	CTUC2	14.18	
- Vintage 6/30/98 through 11/15/01		11.25	(T) (T)
- 155 Mbps port	CTUC2	14.18	
- Vintage 6/30/98 through 11/15/01		11.25	(T) (T)
- 622 Mbps port	CTUC2	14.18	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

C. 24 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
5. Central Office Connecting Channel (COCC), per COCC				(T)
- Up to 1.544 Mbps (Includes IMA)	CFN22	\$25.00	\$ 0.90	(N)
- Up to 45, 155 or 622 Mbps	CFN22	25.00	13.50	(N)

Certain material previously found on this page can now be found on Page 8-412.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES (Cont'd)**

D. 36 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
1. ATM Access Links				
• DS1 Access Link, per Access Link				
- 1.544 Mbps	N7A13	\$ 500.00	\$117.30	
• IMA Access Link, per Access Link				
- 3 Mbps	N7A13	1,000.00	234.60	
- 4.6 Mbps	N7A13	1,500.00	351.90	
- 6.1 Mbps	N7A13	2,000.00	469.20	
- 7.7 Mbps	N7A13	2,500.00	586.50	
- 9.2 Mbps	N7A13	3,000.00	703.80	
- 10.7 Mbps	N7A13	3,500.00	821.10	
- 12.3 Mbps	N7A13	4,000.00	938.40	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		(N)
• Per Subsequent Order for IMA Access Link, per 1.544 Mbps, DS1	NHCBL	\$500.00		(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

D. 36 Months (Cont'd)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	
• Optical Access Link, per Access Link				
- 45 Mbps	N7AX3	\$1,000.00	\$ 776.90	
- Vintage				(T)
10/02/95 through 11/15/01			656.75	(T)
- 155 Mbps	N7AX3	1,000.00	1,165.35	
- Vintage				(T)
10/02/95 through 11/15/01			980.50	(T)
- 622 Mbps	N7AX3	1,000.00	2,680.05	
- 45 Mbps optioned with protection	N7AR3	1,500.00	1,402.50	
- Vintage				(T)
3/15/97 through 11/15/01			1,110.00	(T)
- 155 Mbps optioned with protection	N7AR3	1,500.00	2,978.40	
- Vintage				(T)
3/15/97 through 11/15/01			2,590.00	(T)
• Stand-Alone Optical Access Link, per Access Link				
- 45 Mbps	N1AX3	1,000.00	776.90	
- Vintage				(T)
10/02/95 through 11/15/01			656.75	(T)
- 155 Mbps	N1AX3	1,000.00	1,165.35	
- Vintage				(T)
10/02/95 through 11/15/01			980.50	(T)
- 45 Mbps optioned with protection	N1AR3	1,500.00	1,402.50	
- Vintage				(T)
3/15/97 through 11/15/01			1,110.00	(T)
- 155 Mbps optioned with protection	N1AR3	1,500.00	2,978.40	
- Vintage				(T)
3/15/97 through 11/15/01			2,590.00	(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

**D. 36 Months (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
2. ATM Ports, per port				
• 1.544 Mbps	C3TX3	\$200.00	\$ 204.00	(T)
- Vintage				(T)
7/15/97 through 11/15/01			259.00	
• 45 Mbps	C3TX3	200.00	510.00	(T)
- Vintage				(T)
10/02/95 through 11/15/01			407.00	
• 155 Mbps	C3TX3	200.00	926.50	(T)
- Vintage				(T)
3/15/97 through 11/15/01			740.00	
• 622 Mbps	C3TX3	200.00	2,125.00	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

D. 36 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
3. IMA Ports, per port				
• 3 Mbps	UUTA3	\$ 400.00	\$ 408.00	
• 4.6 Mbps	UUTB3	600.00	612.00	
• 6.1 Mbps	UUTC3	800.00	816.00	
• 7.7 Mbps	UUTD3	1,000.00	1,020.00	
• 9.2 Mbps	UUTE3	1,200.00	1,224.00	
• 10.7 Mbps	UUTF3	1,400.00	1,428.00	
• 12.3 Mbps	UUTG3	1,600.00	1,632.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		
• Per Subsequent Order for IMA Ports, per 1.544 Mbps, DS1	NHCBM	\$200.00		(N)   (N)
4. Cell Transfer				
• Per VCC	NHCNA	100.00		
• Per VPC	NHCNB	100.00		
• Per Subsequent Order for VCC or VPC	NR9AZ	160.00		(M) (M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNS3	\$2.72
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNS3	2.72
- 45 Mbps port	CTNS3	2.72
- 155 Mbps port	CTNS3	2.72
- 622 Mbps port	CTNS3	2.72
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 75 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNW3	3.16
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNW3	3.16
- 45 Mbps port	CTNW3	3.16
- 155 Mbps port	CTNW3	3.16
- 622 Mbps port	CTNW3	3.16

(N)

[1] 64 kbps and 75 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-371.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNU3	\$38.25
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNU3	38.25
- 45 Mbps port	CTNU3	38.25
- 155 Mbps port	CTNU3	38.25
- 622 Mbps port	CTNU3	38.25
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1.787 Mbps Total bandwidth</li> </ul>		
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNY3	68.35
- 45 Mbps port	CTNY3	68.35
- 155 Mbps port	CTNY3	68.35
- 622 Mbps port	CTNY3	68.35

(N)

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Variable Bit Rate - real time, (VBR-rt), per 64 kbps [1] Increment of total bandwidth		
- 45 Mbps port	CTNL3	\$ 2.31
- 155 Mbps port	CTNL3	2.31
- 622 Mbps port	CTNL3	2.31
• Variable Bit Rate - real time, (VBR-rt), per 1 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNM3	32.51
- 155 Mbps port	CTNM3	32.51
- 622 Mbps port	CTNM3	32.51

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-372.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNR3	\$ 2.04
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNR3	2.04
- 45 Mbps port	CTNR3	2.04
- 155 Mbps port	CTNR3	2.04
- 622 Mbps port	CTNR3	2.04
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNV3	28.69
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNV3	28.69
- 45 Mbps port	CTNV3	28.69
- 155 Mbps port	CTNV3	28.69
- 622 Mbps port	CTNV3	28.69

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-371.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Cell Bursting for VBR-rt and VBR-nrt			
- 100 Cells	AS3M1	-	
- 200 Cells	CTS23	\$17.00	(M)
• Available Bit Rate, (ABR), per 64 kbps[1] Increment of total bandwidth			
- 45 Mbps port	CTNO3	1.36	
- 155 Mbps port	CTNO3	1.36	
- 622 Mbps port	CTNO3	1.36	
• Available Bit Rate, (ABR), per 1 Mbps Increment of total bandwidth			
- 45 Mbps port	CTNP3	19.13	
- 155 Mbps port	CTNP3	19.13	
- 622 Mbps port	CTNP3	19.13	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 64 kbps [1] Increment of total bandwidth			
- 1.544 Mbps port	CTUE3	\$0.95	
- Vintage 6/30/98 through 11/15/01		0.74	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUE3	0.95	
- 45 Mbps port	CTUE3	0.95	
- Vintage 6/30/98 through 11/15/01		0.74	(T) (T)
- 155 Mbps port	CTUE3	0.95	
- Vintage 6/30/98 through 11/15/01		0.74	(T) (T)
- 622 Mbps port	CTUE3	0.95	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

D. 36 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth			
- 1.544 Mbps port	CTUC3	\$13.39	
- Vintage 6/30/98 through 11/15/01		11.10	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUC3	13.39	
- 45 Mbps port	CTUC3	13.39	
- Vintage 6/30/98 through 11/15/01		11.10	(T) (T)
- 155 Mbps port	CTUC3	13.39	
- Vintage 3/15/97 through 11/15/01		11.10	(T) (T)
- 622 Mbps port	CTUC3	13.39	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

D. 36 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
5. Central Office Connecting Channel (COCC), per COCC				(T)
- Up to 1.544 Mbps (Includes IMA)	CFN23	\$25.00	\$ 0.85	(N)
- Up to 45, 155 or 622 Mbps	CFN23	25.00	12.75	(N)

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**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES (Cont'd)**

E. 48 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
1. ATM Access Links				
• DS1 Access Link, per Access Link				
- 1.544 Mbps	N7A14	\$ 500.00	\$114.54	
• IMA Access Link, per Access Link				
- 3 Mbps	N7A14	1,000.00	229.08	
- 4.6 Mbps	N7A14	1,500.00	343.62	
- 6.1 Mbps	N7A14	2,000.00	458.16	
- 7.7 Mbps	N7A14	2,500.00	572.70	
- 9.2 Mbps	N7A14	3,000.00	687.24	
- 10.7 Mbps	N7A14	3,500.00	801.78	
- 12.3 Mbps	N7A14	4,000.00	916.32	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		(N)
• Per Subsequent Order for IMA Access Link, per 1.544 Mbps, DS1	NHCBL	\$500.00		(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

E. 48 Months (Cont'd)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	
• Optical Access Link, per Access Link				
- 45 Mbps	N7AX4	\$1,000.00	\$ 758.62	
- Vintage				(T)
10/02/95 through 11/15/01			647.88	(T)
- 155 Mbps	N7AX4	1,000.00	1,137.93	
- Vintage				(T)
10/02/95 through 11/15/01			967.25	(T)
- 622 Mbps	N7AX4	1,000.00	2,616.99	
- 45 Mbps optioned with protection	N7AR4	1,500.00	1,369.50	
- Vintage				(T)
3/15/97 through 11/15/01			1,095.00	(T)
- 155 Mbps optioned with protection	N7AR4	1,500.00	2,908.32	
- Vintage				(T)
3/15/97 through 11/15/01			2,555.00	(T)
• Stand-Alone Optical Access Link, per Access Link				
- 45 Mbps	N1AX4	1,000.00	758.62	
- Vintage				(T)
10/02/95 through 11/15/01			647.88	(T)
- 155 Mbps	N1AX4	1,000.00	1,137.93	
- Vintage				(T)
10/02/95 through 11/15/01			967.25	(T)
- 45 Mbps optioned with protection	N1AR4	1,500.00	1,369.50	
- Vintage				(T)
3/15/97 through 11/15/01			1,095.00	(T)
- 155 Mbps optioned with protection	N1AR4	1,500.00	2,908.32	
- Vintage				(T)
3/15/97 through 11/15/01			2,555.00	(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

E. 48 Months (Cont'd)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	
2. ATM Ports, per port				
• 1.544 Mbps	C3TX4	\$200.00	\$ 199.20	(T)
- Vintage				(T)
7/15/97 through 11/15/01			255.50	
• 45 Mbps	C3TX4	200.00	498.00	(T)
- Vintage				(T)
10/02/95 through 11/15/01			401.50	
• 155 Mbps	C3TX4	200.00	904.70	(T)
- Vintage				(T)
10/02/95 through 11/15/01			730.00	
• 622 Mbps	C3TX4	200.00	2,075.00	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

E. 48 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
3. IMA Ports, per port				
• 3 Mbps	UUTA4	\$ 400.00	\$ 398.40	
• 4.6 Mbps	UUTB4	600.00	597.60	
• 6.1 Mbps	UUTC4	800.00	796.80	
• 7.7 Mbps	UUTD4	1,000.00	996.00	
• 9.2 Mbps	UUTE4	1,200.00	1,195.20	
• 10.7 Mbps	UUTF4	1,400.00	1,394.40	
• 12.3 Mbps	UUTG4	1,600.00	1,593.60	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		
• Per Subsequent Order for IMA Ports, per 1.544 Mbps, DS1	NHCBM	\$200.00		(N)   (N)
4. Cell Transfer				
• Per VCC	NHCNA	100.00		
• Per VPC	NHCNB	100.00		
• Per Subsequent Order for VCC or VPC	NR9AZ	160.00		(M) (M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNS4	\$2.66
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNS4	2.66
- 45 Mbps port	CTNS4	2.66
- 155 Mbps port	CTNS4	2.66
- 622 Mbps port	CTNS4	2.66
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 75 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNW4	3.08
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNW4	3.08
- 45 Mbps port	CTNW4	3.08
- 155 Mbps port	CTNW4	3.08
- 622 Mbps port	CTNW4	3.08

(N)

[1] 64 kbps and 75 kbps PVC increments are only available up to 1.536 Mbps.

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNU4	\$37.35
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNU4	37.35
- 45 Mbps port	CTNU4	37.35
- 155 Mbps port	CTNU4	37.35
- 622 Mbps port	CTNU4	37.35
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1.787 Mbps Total bandwidth</li> </ul>		
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNY4	66.74
- 45 Mbps port	CTNY4	66.74
- 155 Mbps port	CTNY4	66.74
- 622 Mbps port	CTNY4	66.74

(N)

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Variable Bit Rate - real time, (VBR-rt), per 64 kbps [1] Increment of total bandwidth		
- 45 Mbps port	CTNL4	\$ 2.26
- 155 Mbps port	CTNL4	2.26
- 622 Mbps port	CTNL4	2.26
• Variable Bit Rate - real time, (VBR-rt), per 1 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNM4	31.75
- 155 Mbps port	CTNM4	31.75
- 622 Mbps port	CTNM4	31.75

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNR4	\$ 1.99
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNR4	1.99
- 45 Mbps port	CTNR4	1.99
- 155 Mbps port	CTNR4	1.99
- 622 Mbps port	CTNR4	1.99
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNV4	28.01
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNV4	28.01
- 45 Mbps port	CTNV4	28.01
- 155 Mbps port	CTNV4	28.01
- 622 Mbps port	CTNV4	28.01

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-381.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Cell Bursting for VBR-rt and VBR-nrt			
- 100 Cells	AS3M1	-	
- 200 Cells	CTS24	\$16.60	(M)
• Available Bit Rate Service, (ABR), per 64 kbps[1] Increment of total bandwidth			
- 45 Mbps port	CTNO4	1.33	
- 155 Mbps port	CTNO4	1.33	
- 622 Mbps port	CTNO4	1.33	
• Available Bit Rate Service, (ABR), per 1 Mbps Increment of total bandwidth			
- 45 Mbps port	CTNP4	18.68	
- 155 Mbps port	CTNP4	18.68	
- 622 Mbps port	CTNP4	18.68	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 64 kbps[1] Increment of total bandwidth			
- 1.544 Mbps port	CTUE4	\$0.93	
- Vintage 6/30/98 through 11/15/01		0.73	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUE4	0.93	
- 45 Mbps port	CTUE4	0.93	
- Vintage 6/30/98 through 11/15/01		0.73	(T) (T)
- 155 Mbps port	CTUE4	0.93	
- Vintage 6/30/98 through 11/15/01		0.73	(T) (T)
- 622 Mbps port	CTUE4	0.93	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

E. 48 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth			
- 1.544 Mbps port	CTUC4	\$13.07	
- Vintage 6/30/98 through 11/15/01		10.95	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUC4	13.07	
- 45 Mbps port	CTUC4	13.07	
- Vintage 6/30/98 through 11/15/01		10.95	(T) (T)
- 155 Mbps port	CTUC4	13.07	
- Vintage 6/30/98 through 11/15/01		10.95	(T) (T)
- 622 Mbps port	CTUC4	13.07	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

E. 48 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
5. Central Office Connecting Channel (COCC), per COCC				(T)
- Up to 1.544 Mbps (Includes IMA)	CFN24	\$25.00	\$ 0.83	(N)
- Up to 45, 155 or 622 Mbps	CFN24	25.00	12.45	(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES (Cont'd)**

F. 60 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
1. ATM Access Links				
• DS1 Access Link, per Access Link				
- 1.544 Mbps	N7A15	\$ 500.00	\$110.40	
• IMA Access Link, per Access Link				
- 3 Mbps	N7A15	1,000.00	220.80	
- 4.6 Mbps	N7A15	1,500.00	331.20	
- 6.1 Mbps	N7A15	2,000.00	441.60	
- 7.7 Mbps	N7A15	2,500.00	552.00	
- 9.2 Mbps	N7A15	3,000.00	662.40	
- 10.7 Mbps	N7A15	3,500.00	772.80	
- 12.3 Mbps	N7A15	4,000.00	883.20	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		(N)
• Per Subsequent Order for IMA Access Link, per 1.544 Mbps, DS1	NHCBL	\$500.00		(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

F. 60 Months (Cont'd)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	
• Optical Access Link, per Access Link				
- 45 Mbps	N7AX5	\$1,000.00	\$ 731.20	
- Vintage				(T)
10/02/95 through 11/15/01			639.00	(T)
- 155 Mbps	N7AX5	1,000.00	1,096.80	
- Vintage				(T)
10/02/95 through 11/15/01			954.00	(T)
- 622 Mbps	N7AX5	1,000.00	2,522.40	
- 45 Mbps with protection	N7AR5	1,500.00	1,320.00	
- Vintage				(T)
3/15/97 through 11/15/01			1,080.00	(T)
- 155 Mbps with protection	N7AR5	1,500.00	2,803.20	
- Vintage				(T)
3/15/97 through 11/15/01			2,520.00	(T)
• Stand-Alone Optical Access Link, per Access Link				
- 45 Mbps	N1AX5	1,000.00	731.20	
- Vintage				(T)
10/02/95 through 11/15/01			639.00	(T)
- 155 Mbps	N1AX5	1,000.00	1,096.80	
- Vintage				(T)
10/02/95 through 11/15/01			954.00	(T)
- 45 Mbps with protection	N1AR5	1,500.00	1,320.00	
- Vintage				(T)
3/15/97 through 11/15/01			1,080.00	(T)
- 155 Mbps with protection	N1AR5	1,500.00	2,803.20	
- Vintage				(T)
3/15/97 through 11/15/01			2,520.00	(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

F. 60 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
2. ATM Ports, per port				
• 1.544 Mbps	C3TX5	\$200.00	\$ 192.00	(T)
- Vintage				
7/15/97 through 11/15/01			252.00	(T)
• 45 Mbps	C3TX5	200.00	480.00	(T)
- Vintage				
10/02/95 through 11/15/01			396.00	(T)
• 155 Mbps	C3TX5	200.00	872.00	(T)
- Vintage				
3/15/97 through 11/15/01			720.00	(T)
• 622 Mbps	C3TX5	200.00	2,000.00	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

F. 60 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
3. IMA Ports, per port				
• 3 Mbps	UUTA5	\$ 400.00	\$ 384.00	
• 4.6 Mbps	UUTB5	600.00	576.00	
• 6.1 Mbps	UUTC5	800.00	768.00	
• 7.7 Mbps	UUTD5	1,000.00	960.00	
• 9.2 Mbps	UUTE5	1,200.00	1,152.00	
• 10.7 Mbps	UUTF5	1,400.00	1,344.00	
• 12.3 Mbps	UUTG5	1,600.00	1,536.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>		
• Per Subsequent Order for IMA Ports, per 1.544 Mbps, DS1	NHCBM	\$200.00		(N)   (N)
4. Cell Transfer				
• Per VCC	NHCNA	100.00		
• Per VPC	NHCNB	100.00		
• Per Subsequent Order for VCC or VPC	NR9AZ	160.00		(M) (M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNS5	\$2.56
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNS5	2.56
- 45 Mbps port	CTNS5	2.56
- 155 Mbps port	CTNS5	2.56
- 622 Mbps port	CTNS5	2.56
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 75 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNW5	2.97
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNW5	2.97
- 45 Mbps port	CTNW5	2.97
- 155 Mbps port	CTNW5	2.97
- 622 Mbps port	CTNW5	2.97

(N)

[1] 64 kbps and 75 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-428.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNU5	\$36.00
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNU5	36.00
- 45 Mbps port	CTNU5	36.00
- 155 Mbps port	CTNU5	36.00
- 622 Mbps port	CTNU5	36.00
<ul style="list-style-type: none"> <li>Constant Bit Rate (CBR), per 1.787 Mbps Total bandwidth</li> </ul>		
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTNY5	64.33
- 45 Mbps port	CTNY5	64.33
- 155 Mbps port	CTNY5	64.33
- 622 Mbps port	CTNY5	64.33

(N)

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Variable Bit Rate - real time, (VBR-rt), per 64 kbps [1] Increment of total bandwidth		
- 45 Mbps port	CTNL5	\$ 2.18
- 155 Mbps port	CTNL5	2.18
- 622 Mbps port	CTNL5	2.18
• Variable Bit Rate - real time, (VBR-rt), per 1 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNM5	30.60
- 155 Mbps port	CTNM5	30.60
- 622 Mbps port	CTNM5	30.60

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-428.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 64 kbps [1] Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNR5	\$ 1.92
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNR5	1.92
- 45 Mbps port	CTNR5	1.92
- 155 Mbps port	CTNR5	1.92
- 622 Mbps port	CTNR5	1.92
<ul style="list-style-type: none"> <li>Variable Bit Rate - non-real time, (VBR-nrt), per 1 Mbps Increment of total bandwidth</li> </ul>		
- 1.544 Mbps port	CTNV5	27.00
- IMA Port, per port: 3, 4.6, 6.1, 7.7,9.2, 10.7, or 12.3 Mbps	CTNV5	27.00
- 45 Mbps port	CTNV5	27.00
- 155 Mbps port	CTNV5	27.00
- 622 Mbps port	CTNV5	27.00

(N)

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

(N)

Certain material previously found on this page can now be found on Page 8-391.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Cell Bursting for VBR-rt and VBR-nrt			
- 100 Cells	AS3M1	-	
- 200 Cells	CTS25	\$16.00	(M)
• Available Bit Rate Service, (ABR), per 64 kbps[1] Increment of total bandwidth			
- 45 Mbps port	CTNO5	1.28	
- 155 Mbps port	CTNO5	1.28	
- 622 Mbps port	CTNO5	1.28	
• Available Bit Rate Service, (ABR), per 1 Mbps Increment of total bandwidth			
- 45 Mbps port	CTNP5	18.00	
- 155 Mbps port	CTNP5	18.00	
- 622 Mbps port	CTNP5	18.00	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

Certain material previously found on this page can now be found on Page 8-392.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 64 kbps[1] Increment of total bandwidth			
- 1.544 Mbps port	CTUE5	\$0.90	
- Vintage 6/30/98 through 11/15/01		0.72	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUE5	0.90	
- 45 Mbps port	CTUE5	0.90	
- Vintage 6/30/98 through 11/15/01		0.72	(T) (T)
- 155 Mbps port	CTUE5	0.90	
- Vintage 6/30/98 through 11/15/01		0.72	(T) (T)
- 622 Mbps port	CTUE5	0.90	

[1] 64 kbps PVC increments are only available up to 1.536 Mbps.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.5 RATES AND CHARGES**

F. 60 Months

4. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth			
- 1.544 Mbps port	CTUC5	\$12.60	
- Vintage 6/30/98 through 11/15/01		10.80	(T) (T)
- IMA Port, per port: 3, 4.6, 6.1, 7.7, 9.2, 10.7, or 12.3 Mbps	CTUC5	12.60	
- 45 Mbps port	CTUC5	12.60	
- Vintage 6/30/98 through 11/15/01		10.80	(T) (T)
- 155 Mbps port	CTUC5	12.60	
- Vintage 6/30/98 through 11/15/01		10.80	(T) (T)
- 622 Mbps port	CTUC5	12.60	

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)

**8.5.5 RATES AND CHARGES**

F. 60 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
5. Central Office Connecting Channel (COCC), per COCC				(T)
- Up to 1.544 Mbps (Includes IMA)	CFN25	\$25.00	\$ 0.80	(N)
- Up to 45, 155 or 622 Mbps	CFN25	30.00	12.00	(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

Effective November 16, 2001, the Rates and Charges following are limited to existing service. All existing ATM Service customers with term plans as of November 15, 2001 may retain their service until the expiration of their term or until the service is moved or disconnected.

**A. 12 Months**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
<b>1. Cell Transfer</b>			
• First VCC	NR9AV	\$150.00	
• Each additional VCC	NR9AW	50.00	
• First VPC	NR9AX	150.00	
• Each additional VPC	NR9AY	50.00	
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX1	\$161.45	\$266.00
- 45 Mbps	C3TX1	161.45	418.00
- 155 Mbps	C3TX1	161.45	760.00

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

Certain material on this page formerly appeared on Page 8-353.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

B. 12 Months

1. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB1	\$1.90
- 45 Mbps port	CTNB1	1.90
- 155 Mbps port	CTNB1	1.90
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ1	2.19
- 45 Mbps port	CTNJ1	2.19
- 155 Mbps port	CTNJ1	2.19

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

A. 12 Months

1. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA1	\$28.50
- 45 Mbps port	CTNA1	28.50
- 155 Mbps port	CTNA1	28.50
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND1	38.00
- 155 Mbps port	CTND1	38.00

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED (CONT'D)**

A. 12 Months

1. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK1	\$ 44.18
- 155 Mbps port	CTNK1	44.18
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG1	997.50
- 155 Mbps port	CTNG1	997.50

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

A. 12 Months

1. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH1	\$3,610.00	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

A. 12 Months

1. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE1	\$ 2.38
- 45 Mbps port	CTNE1	2.38
- 155 Mbps port	CTNE1	2.38
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC1	35.63
- 45 Mbps port	CTNC1	35.63
- 155 Mbps port	CTNC1	35.63

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)(M)

**8.5.6 RATES AND CHARGES GRANDFATHERED**

A. 12 Months

1. Cell Transfer (Cont'd)

	USOC	MONTHLY RATE
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF1	\$ 42.75
- 155 Mbps port	CTNF1	42.75
• Sustained Cell Rate Service, Maximum Burst Size, per VCC		
- 32 Cells	CTSA1	—
- 100 Cells[1]	CTSB1	95.00
- 200 Cells[1]	CTSC1	190.00
	USOC	NONRECURRING CHARGE
		MONTHLY RATE
4. Central Office Connecting Channel (COCC), per COCC		
- Up to 1.544 Mbps	CFNX1	\$25.00
- Up to 45 or 155 Mbps	CFNX1	30.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

(M)

Certain material on this page formerly appeared on Pages 8-359 and 8-361.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)(M)

**8.5.6 RATES AND CHARGES GRANDFATHERED**

B. 24 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
3. Cell Transfer			
• First VCC	NR9AV	\$150.00	
• Each additional VCC	NR9AW	50.00	
• First VPC	NR9AX	150.00	
• Each additional VPC	NR9AY	50.00	
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX2	\$161.45	\$262.50
- 45 Mbps	C3TX2	161.45	412.50
- 155 Mbps	C3TX2	161.45	750.00

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

(M)

Certain material on this page formerly appeared on Page 8-364.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

C. 24 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB2	\$1.88
- 45 Mbps port	CTNB2	1.88
- 155 Mbps port	CTNB2	1.88
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ2	2.16
- 45 Mbps port	CTNJ2	2.16
- 155 Mbps port	CTNJ2	2.16

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

C. 24 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA2	\$28.13
- 45 Mbps port	CTNA2	28.13
- 155 Mbps port	CTNA2	28.13
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND2	37.50
- 155 Mbps port	CTND2	37.50

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

C. 24 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK2	\$ 43.59
- 155 Mbps port	CTNK2	43.59
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG2	984.38
- 155 Mbps port	CTNG2	984.38

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

C. 24 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH2	\$3,562.50	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

C. 24 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE2	\$ 2.34
- 45 Mbps port	CTNE2	2.34
- 155 Mbps port	CTNE2	2.34
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC2	35.16
- 45 Mbps port	CTNC2	35.16
- 155 Mbps port	CTNC2	35.16

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

C. 24 Months

3. Cell Transfer (Cont'd)

	USOC	MONTHLY RATE
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF2	\$ 42.19
- 155 Mbps port	CTNF2	42.19
• Sustained Cell Rate Service, Maximum Burst Size, per VCC		
- 32 Cells	CTSA2	—
- 100 Cells[1]	CTSB2	93.75
- 200 Cells[1]	CTSC2	187.50
	USOC	NONRECURRING CHARGE
		MONTHLY RATE
4. Central Office Connecting Channel (COCC), per COCC		
- Up to 1.544 Mbps	CFNX2	\$25.00
- Up to 45 or 155 Mbps	CFNX2	30.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

**D. 36 Months (Cont'd)**

(T)(M)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
3. Cell Transfer		
• First VCC	NR9AV	\$150.00
• Each additional VCC	NR9AW	50.00
• First VPC	NR9AX	150.00
• Each additional VPC	NR9AY	50.00
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

(M)

Certain material on this page formerly appeared on Page 8-375.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX3	\$161.45	\$259.00
- 45 Mbps	C3TX3	161.45	407.00
- 155 Mbps	C3TX3	161.45	740.00

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB3	\$1.85
- 45 Mbps port	CTNB3	1.85
- 155 Mbps port	CTNB3	1.85
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ3	2.13
- 45 Mbps port	CTNJ3	2.13
- 155 Mbps port	CTNJ3	2.13

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA3	\$27.75
- 45 Mbps port	CTNA3	27.75
- 155 Mbps port	CTNA3	27.75
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND3	37.00
- 155 Mbps port	CTND3	37.00

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK3	\$43.01
- 155 Mbps port	CTNK3	43.01
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG3	971.25
- 155 Mbps port	CTNG3	971.25

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	<b>(T)(M)</b>
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH3	\$3,515.00	<b>(M)</b>

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE3	\$ 2.31
- 45 Mbps port	CTNE3	2.31
- 155 Mbps port	CTNE3	2.31
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC3	34.69
- 45 Mbps port	CTNC3	34.69
- 155 Mbps port	CTNC3	34.69

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)(M)

**8.5.6 RATES AND CHARGES GRANDFATHERED**

D. 36 Months

3. Cell Transfer (Cont'd)

	USOC	MONTHLY RATE
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF3	\$ 41.63
- 155 Mbps port	CTNF3	41.63
• Sustained Cell Rate Service, Maximum Burst Size, per VCC		
- 32 Cells	CTSA3	—
- 100 Cells[1]	CTSB3	92.50
- 200 Cells[1]	CTSC3	185.00
	USOC	NONRECURRING CHARGE
4. Central Office Connecting Channel (COCC), per COCC		MONTHLY RATE
- Up to 1.544 Mbps	CFNX3	\$25.00
- Up to 44.736 Mbps	CFNX3	30.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

(M)

Certain material on this page formerly appeared on Pages 8-382 and 8-384.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months (Cont'd)

(T)(M)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
3. Cell Transfer			
• First VCC	NR9AV	\$150.00	
• Each additional VCC	NR9AW	50.00	
• First VPC	NR9AX	150.00	
• Each additional VPC	NR9AY	50.00	
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX4	\$161.45	\$255.50
- 45 Mbps	C3TX4	161.45	401.50
- 155 Mbps	C3TX4	161.45	730.00

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

(M)

Certain material on this page formerly appeared on Page 8-387.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB4	\$1.83
- 45 Mbps port	CTNB4	1.83
- 155 Mbps port	CTNB4	1.83
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ4	2.10
- 45 Mbps port	CTNJ4	2.10
- 155 Mbps port	CTNJ4	2.10

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA4	\$27.38
- 45 Mbps port	CTNA4	27.38
- 155 Mbps port	CTNA4	27.38
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND4	36.50
- 155 Mbps port	CTND4	36.50

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK4	\$ 42.43
- 155 Mbps port	CTNK4	42.43
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG4	958.13
- 155 Mbps port	CTNG4	958.13

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	<b>(T)(M)</b>
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH4	\$3,467.50	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE4	\$ 2.28
- 45 Mbps port	CTNE4	2.28
- 155 Mbps port	CTNE4	2.28
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC4	34.22
- 45 Mbps port	CTNC4	34.22
- 155 Mbps port	CTNC4	34.22

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)(M)

**8.5.6 RATES AND CHARGES GRANDFATHERED**

E. 48 Months

3. Cell Transfer (Cont'd)

	USOC	MONTHLY RATE
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF4	\$ 41.06
- 155 Mbps port	CTNF4	41.06
• Sustained Cell Rate Service, Maximum Burst Size, per VCC		
- 32 Cells	CTSA4	—
- 100 Cells[1]	CTSB4	91.25
- 200 Cells[1]	CTSC4	182.50
	USOC	NONRECURRING CHARGE
4. Central Office Connecting Channel (COCC), per COCC		MONTHLY RATE
- Up to 1.544 Mbps	CFNX3	\$25.00
- Up to 44.736 Mbps	CFNX3	30.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

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Certain material on this page formerly appeared on Pages 8-393 and 8-395.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months (Cont'd)

(T)(M)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
3. Cell Transfer			
• First VCC	NR9AV	\$150.00	
• Each additional VCC	NR9AW	50.00	
• First VPC	NR9AX	150.00	
• Each additional VPC	NR9AY	50.00	
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX5	\$161.45	\$252.00
- 45 Mbps	C3TX5	161.45	396.00
- 155 Mbps	C3TX5	161.45	720.00

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

(M)

Certain material on this page formerly appeared on Page 8-398.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB5	\$1.80
- 45 Mbps port	CTNB5	1.80
- 155 Mbps port	CTNB5	1.80
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ5	2.07
- 45 Mbps port	CTNJ5	2.07
- 155 Mbps port	CTNJ5	2.07

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA5	\$27.00
- 45 Mbps port	CTNA5	27.00
- 155 Mbps port	CTNA5	27.00
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND5	36.00
- 155 Mbps port	CTND5	36.00

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK5	\$ 41.85
- 155 Mbps port	CTNK5	41.85
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG5	945.00
- 155 Mbps port	CTNG5	945.00

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH5	\$3,420.00	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE5	\$ 2.25
- 45 Mbps port	CTNE5	2.25
- 155 Mbps port	CTNE5	2.25
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC5	33.75
- 45 Mbps port	CTNC5	33.75
- 155 Mbps port	CTNC5	33.75

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months

3. Cell Transfer (Cont'd)

(T)(M)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF5	\$ 40.50
- 155 Mbps port	CTNF5	40.50
• Sustained Cell Rate Service, Maximum Burst Size, per 64 VCC		
- 32 Cells	CTSA5	—
- 100 Cells[1]	CTSB5	90.00
- 200 Cells[1]	CTSC5	180.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

F. 60 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	(T)(M)
4. Central Office Connecting Channel (COCC), per COCC				
- Up to 1.544 Mbps	CFNX5	\$25.00	\$ 0.59	
- Up to 45 or 155 Mbps	CFNX5	30.00	11.25	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

(T)(M)

G. 72 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
1. Optical Access Link, per Access Link			
• 45 Mbps	N7AX6	\$ 840.27	\$ 639.00
• 155 Mbps	N7AX6	860.24	954.00
• 45 Mbps optioned with protection	N7AR6	1,320.00	1,080.00
• 155 Mbps optioned with protection	N7AR6	1,380.00	2,520.00

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

(T)(M)

G. 72 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
2. Stand-Alone Optical Access Link, per Access Link			
• 45 Mbps	N1AX6	\$ 840.27	\$ 639.00
• 155 Mbps	N1AX6	860.24	954.00
• 45 Mbps optioned with protection	N1AR6	1,320.00	1,080.00
• 155 Mbps optioned with protection	N1AR6	1,380.00	2,520.00

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months (Cont'd)

(T)(M)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
3. Cell Transfer			
• First VCC	NR9AV	\$150.00	
• Each additional VCC	NR9AW	50.00	
• First VPC	NR9AX	150.00	
• Each additional VPC	NR9AY	50.00	
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX6	\$161.45	\$252.00
- 45 Mbps	C3TX6	161.45	396.00
- 155 Mbps	C3TX6	161.45	720.00
Vintage[2]			396.00

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

(M)

[2] Vintage rate in effect 10/2/95 through 3/14/97.

Certain material on this page formerly appeared on Page 8-409.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB6	\$1.80
- 45 Mbps port	CTNB6	1.80
- 155 Mbps port	CTNB6	1.80
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ6	2.07
- 45 Mbps port	CTNJ6	2.07
- 155 Mbps port	CTNJ6	2.07

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA6	\$27.00
- 45 Mbps port	CTNA6	27.00
- 155 Mbps port	CTNA6	27.00
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND6	36.00
- 155 Mbps port	CTND6	36.00

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK6	\$41.85
- 155 Mbps port	CTNK6	41.85
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG6	945.00
- 155 Mbps port	CTNG6	945.00

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH6	\$3,420.00	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE6	\$ 2.25
- 45 Mbps port	CTNE6	2.25
- 155 Mbps port	CTNE6	2.25
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC6	33.75
- 45 Mbps port	CTNC6	33.75
- 155 Mbps port	CTNC6	33.75

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

(T)(M)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF6	\$ 40.50
- 155 Mbps port	CTNF6	40.50
• Sustained Cell Rate Service, Maximum Burst Size, per VCC		
- 32 Cells	CTSA6	—
- 100 Cells[1]	CTSB6	90.00
- 200 Cells[1]	CTSC6	180.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Unspecified Bit Rate, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTUE6	\$ 0.72
- 45 Mbps port	CTUE6	0.72
- 155 Mbps port	CTUE6	0.72
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTUC6	10.80
- 45 Mbps port	CTUC6	10.80
- 155 Mbps port	CTUC6	10.80

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

G. 72 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
4. Central Office Connecting Channel (COCC), per COCC				
- Up to 1.544 Mbps	CFNX6	\$25.00	\$ 0.59	
- Up to 45 or 155 Mbps	CFNX6	30.00	11.25	(M)

(T)(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

(T)(M)

H. 84 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
1. Optical Access Link, per Access Link			
• 45 Mbps	N7AX7	\$ 840.27	\$ 639.00
• 155 Mbps	N7AX7	860.24	954.00
• 45 Mbps optioned with protection	N7AR7	1,320.00	1,080.00
• 155 Mbps optioned with protection	N7AR7	1,380.00	2,520.00

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

(T)(M)

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
2. Stand-Alone Optical Access Link, per Access Link			
• 45 Mbps	N1AX7	\$ 840.27	\$ 639.00
• 155 Mbps	N1AX7	860.24	954.00
• 45 Mbps optioned with protection	N1AR7	1,320.00	1,080.00
• 155 Mbps optioned with protection	N1AR7	1,380.00	2,520.00

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
3. Cell Transfer			
• First VCC	NR9AV	\$150.00	
• Each additional VCC	NR9AW	50.00	
• First VPC	NR9AX	150.00	
• Each additional VPC	NR9AY	50.00	
• Subsequent VCC(s) or VPC order charge, per order[1]	NR9AZ	160.00	
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Fixed Rate, per Port			
- 1.544 Mbps	C3TX7	\$161.45	\$252.00
- 45 Mbps	C3TX7	161.45	396.00
- 155 Mbps	C3TX7	161.45	720.00
- Vintage			
10/2/95 through 3/14/97			396.00

(T)  
(T)

[1] In addition to the Subsequent VCC(s) or VPC order charge, the First and Each Additional VCC or VPC nonrecurring charges apply, as applicable.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNB7	\$1.80
- 45 Mbps port	CTNB7	1.80
- 155 Mbps port	CTNB7	1.80
• Peak Cell Rate Service, per 75 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNJ7	2.07
- 45 Mbps port	CTNJ7	2.07
- 155 Mbps port	CTNJ7	2.07

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNA7	\$27.00
- 45 Mbps port	CTNA7	27.00
- 155 Mbps port	CTNA7	27.00
• Peak Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTND7	36.00
- 155 Mbps port	CTND7	36.00

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Peak Cell Rate Service, per 1.787 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNK7	\$ 41.85
- 155 Mbps port	CTNK7	41.85
• Peak Cell Rate Service, per 40.7 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNG7	945.00
- 155 Mbps port	CTNG7	945.00

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
• Peak Cell Rate Service, per 149 Mbps Increment of total bandwidth			
- 155 Mbps port	CTNH7	\$3,420.00	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTNE7	\$ 2.25
- 45 Mbps port	CTNE7	2.25
- 155 Mbps port	CTNE7	2.25
• Sustained Cell Rate Service, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTNC7	33.75
- 45 Mbps port	CTNC7	33.75
- 155 Mbps port	CTNC7	33.75

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

(T)(M)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Sustained Cell Rate Service, per 1.544 Mbps Increment of total bandwidth		
- 45 Mbps port	CTNF7	\$ 40.50
- 155 Mbps port	CTNF7	40.50
• Sustained Cell Rate Service, Maximum Burst Size, per VCC		
- 32 Cells	CTSA7	—
- 100 Cells[1]	CTSB7	90.00
- 200 Cells[1]	CTSC7	180.00

[1] The Maximum Burst Size of 200 Cells requires the customer to purchase a minimum of 4 Mbps of Sustained Cell Rate Service for each VCC.

(M)

Certain material on this page formerly appeared on Page 8-426.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months

3. Cell Transfer (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Unspecified Bit Rate, per 64 kbps Increment of total bandwidth		
- 1.544 Mbps port	CTUE7	\$ 0.72
- 45 Mbps port	CTUE7	0.72
- 155 Mbps port	CTUE7	0.72
• Unspecified Bit Rate, per 1 Mbps Increment of total bandwidth		
- 1.544 Mbps port	CTUC7	10.80
- 45 Mbps port	CTUC7	10.80
- 155 Mbps port	CTUC7	10.80

(T)(M)

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.5 ATM SERVICE**

**8.5.6 RATES AND CHARGES GRANDFATHERED**

H. 84 Months (Cont'd)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	(T)(M)
4. Central Office Connecting Channel (COCC), per COCC				
- Up to 1.544 Mbps	CFNX7	\$25.00	\$ 0.59	
- Up to 45 or 155 Mbps	CFNX7	30.00	11.25	(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.1 GENERAL[1]**

(T)

A. Description

Local Area Network (LAN) Switching Service (LSS) is a transport service designed to interconnect LSS interfaces between customer-designated premises. LSS provides a specific amount of bandwidth, and supports both point-to-point and multipoint connectivity between customer-designated locations.

(C)

LSS data is transported over 45 Mbps and 155 Mbps access facilities using fiber optic facilities or equivalent. The customer may specify an unprotected or protected LSS transport option. An unprotected LSS transport option provides a single transport path from the LSS equipped wire center to the network interface at the customer-designated premises. A protected LSS transport option provides a standby transport facility that is automatically activated if the first path fails. An LSS customer may request Local Loop Diversity which provides an alternately routed local loop as referenced in Special Facilities Routing as set forth in 11.1.A.1., following. End-to-end connectivity between customer locations is provided by the Company's LSS network.

(C)

(C)

LSS also supports LSS inter-working between two separate LSS networks and between LSS and ATM Service locations. The connection between the LSS/LSS or LSS/ATM Service locations is an ATM Virtual Channel Connection (VCC). VCCs are only available as Unspecified Bit Rate (UBR) for Monthly or fixed period service rate plans of 12, 24, 36, 48 and 60 Months. The VCC and UBR rate regulations and rates are as set forth in 8.5.2 and 8.5.5, preceding.

(C)

(C)

(C)

[1] Certain aspects of LAN Switching Service (LSS) have been grandfathered as of November 11, 2003, and can now be found in Section 8.99, following.

(N)

(N)

(M) Certain material previously found on this page can now be found in Grandfathered Section 8.99.

## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

#### **8.6.1 GENERAL (Cont'd)**

##### **B. Service Elements**

##### **1. Network Interface**

The Company network interface is the point of interconnection between Company communications facilities and terminal equipment or other customer-provided facilities. The network interface is the point of demarcation on the customer's premises where the Company's responsibility for LSS ends.

(T)

Technical Specifications for LSS are delineated in Qwest Corporation Technical Publication PUB 77396.

##### **2. LAN Link**

The LAN Link provides the customer access to the Company's network supporting LSS. A LAN Link includes an NI and the fiber optic facility or equivalent. A customer may select 10 Mbps, 45 Mbps or 100 Mbps LAN Links. A customer may order Unprotected or Protected LAN Links. Unprotected and Protected LAN Links both provide a dedicated path between the Network Interface and the Company's network. Unprotected LAN Links provide a single path, while Protected LAN Links provide a standby path that is automatically activated if the first path fails. Protected LAN Links are only available where the customer's serving wire center is a LSS Service Point. When a customer accesses the Company's LSS network through a LAN Link where the customer's serving wire center is not a LSS Service Point, transport mileage will always apply. The LSS Service Point is described in 5., following.

(C)

(C)

(C)

A customer may order Alternating Current (AC) or Direct Current (DC) with either a Protected or Unprotected LAN Link. An LSS customer may request Local Loop Diversity which provides an alternately routed local loop as referenced in Special Facilities Routing as set forth in 11.1.A.1., following.

(N)

(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.1 GENERAL**

**B. Service Elements (Cont'd)**

**3. Remote LAN Link**

A Remote LAN Link is only used for access where LSS is not available. A customer may select a 10 Mbps or 45 Mbps Remote LAN Links.

(T)  
(C)

**4. Virtual Circuits**

LSS connectivity between customer-designated premises is accomplished by provisioning LSS NIs and establishing connectivity through the Company's LSS network. Virtual Channel Connections (VCCs) are only available as UBR.

(C)  
(C)

**5. Service Point**

Service Points are geographic locations designated by the Company where LSS is available. Company wire centers LSS equipped are identified in the National Exchange Carrier Association Tariff, F.C.C. No. 4 under ATM.

(M)  
(M)

(M) Certain material on this page formerly appeared on Page 8-429.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE (Cont'd)**

**8.6.2 RATE ELEMENTS[1]** (T)

A. LAN Link

A nonrecurring charge applies per LAN Link termination for each physical connection to the Company's LSS network. The monthly rate is assessed per LAN Link based upon the speed of the LAN Link (i.e., 10 Mbps, 45 Mbps or 100 Mbps) and whether the LAN Link is protected or unprotected. When a customer accesses LSS through a non-LSS serving wire center, transport mileage as set forth in B., following, applies in addition to the monthly rate for the LAN Link. (C)  
(C)

B. Transport Mileage (T)

Transport Mileage provides for the transmission facilities between a non-LSS disclosed serving wire center associated with a customer-designated premises and the LSS network. There are two elements that apply: a fixed rate and a variable rate per mile. (C)  
(C)  
(T)  
(T)

C. Remote LAN Link (T)

A nonrecurring charge applies per Remote LAN Link termination for each physical connection to the Company's LSS network. The monthly rate is assessed per Remote LAN Link based upon the speed of the Remote LAN Link (i.e., 10 Mbps or 45 Mbps). When a customer accesses LSS via a Remote LAN Link, Transport Mileage, as set forth in D., following, applies in addition to the monthly rate for the Remote LAN Link. (C)  
(T)

D. Remote Transport Mileage (N)

Remote Transport Mileage provides for the transmission facilities between a non-LSS disclosed serving wire center associated with a customer-designated premises and the LSS network. Transport Mileage is portrayed in mileage bands. There are two elements that apply for each band, i.e., a flat rate per band and a rate per mile. Transport mileage is measured as set forth in 7.1.1, preceding. (N)

[1] Certain aspects of LAN Switching Service (LSS) have been grandfathered as of November 11, 2003, and can now be found in Section 8.99, following. (N)  
(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE (Cont'd)**

**8.6.3 PRICING PLANS**

(T)

**A. General**

1. The initial order for LSS LAN Link must be for a fixed service period of one, two, three, four or five years. The initial order for a Remote LAN Link must be for a fixed service period of one, three or five years. At the end of the initial service period, a customer may elect the month-to-month option or any of the specified fixed service periods.

(C)

|

(C)

2. A subsequent order to add LSS LAN Links to an existing fixed-period service pricing plan must be for a fixed period of one, two, three, four or five years, or for the remainder of the existing fixed-period service pricing plan, provided the remainder of the existing plan is at least the minimum period for that plan. If the remaining term is less than the associated minimum period, the minimum term for the added LAN Link shall be for 12 months as set forth in 5.2.5, preceding.

(C)

(C)

3. A customer may access LSS via a Company-provided LAN Link, Remote LAN Link, or ATM Access Link. A customer utilizing a LAN Link or a Remote LAN Link to access LSS from a non LSS service point will incur a monthly rate and a nonrecurring charge for the LAN Link or Remote LAN Link, in addition to the applicable monthly rates for Transport Mileage.

(C)

|

(C)

**B. Termination Liability and Waiver Policy**

(T)

If a customer chooses to discontinue all or a portion of the service prior to the expiration of the fixed period service, Termination Liability and Waiver Policy, as set forth in 8.1.5, preceding, will apply.

(T)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE (Cont'd)**

**8.6.4 RATES AND CHARGES[1]**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>
<b>A. LAN Links</b>		
<b>1. Nonrecurring Charge</b>		
• Per LAN Link termination	NRBL8	\$1,200.00 (R)
	<b>USOC</b>	<b>MONTHLY RATE</b>
<b>2. 10 Mbps, without protection, per LAN Link termination</b>		
<b>a. AC (Alternating Current)</b>		
• Monthly	DLUDM	\$1,400.00
• 12 Months	DLUD1	1,330.00
• 24 Months	DLUD2	1,260.00
• 36 Months	DLUD3	1,190.00
• 48 Months	DLUD4	1,162.00
• 60 Months	DLUD5	1,120.00
<b>b. DC (Direct Current)</b>		
• Monthly	DLUEM	1,400.00
• 12 Months	DLUE1	1,330.00
• 24 Months	DLUE2	1,260.00
• 36 Months	DLUE3	1,190.00
• 48 Months	DLUE4	1,162.00
• 60 Months	DLUE5	1,120.00

[1] Certain aspects of LAN Switching Service (LSS) have been grandfathered as of November 11, 2003 and can now be found in Grandfathered Section 8.99.

(M) Certain material previously found on this page can now be found in Grandfathered Section 8.99.

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Effective: November 11, 2003

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

**A. LAN Links (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	<b>(Z) (Z)</b>
3. 10 Mbps, with protection, per LAN Link termination[1]			(S-y)
a. AC (Alternating Current)			
• Monthly	DPUDM	\$1,700.00	
• 12 Months	DPUD1	1,615.00	
• 24 Months	DPUD2	1,530.00	
• 36 Months	DPUD3	1,445.00	
• 48 Months	DPUD4	1,411.00	
• 60 Months	DPUD5	1,360.00	
b. DC (Direct Current)			
• Monthly	DPUEM	1,700.00	
• 12 Months	DPUE1	1,615.00	
• 24 Months	DPUE2	1,530.00	
• 36 Months	DPUE3	1,445.00	
• 48 Months	DPUE4	1,411.00	
• 60 Months	DPUE5	1,360.00	

[1] Protection not available in non-LSS Service Points.

(S-y)

(y) Reissued matter filed under Transmittal No. 175, to become effective November 11, 2003.

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Effective: December 13, 2003



**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

**A. LAN Links (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	
4. 45 Mbps, without protection, per LAN Link termination			(N)
a. AC (Alternating Current)			
• Monthly	DLUFM	\$1,800.00	
• 12 Months	DLUF1	1,710.00	
• 24 Months	DLUF2	1,620.00	
• 36 Months	DLUF3	1,530.00	
• 48 Months	DLUF4	1,494.00	
• 60 Months	DLUF5	1,440.00	
b. DC (Direct Current)			
• Monthly	DLUGM	1,800.00	
• 12 Months	DLUG1	1,710.00	
• 24 Months	DLUG2	1,620.00	
• 36 Months	DLUG3	1,530.00	
• 48 Months	DLUG4	1,494.00	
• 60 Months	DLUG5	1,440.00	(N)

(M) Certain material formerly found on this page can now be found in Grandfathered Section 8.99.

(Filed under Transmittal No. 175.)

Issued: October 27, 2003

Effective: November 11, 2003

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

**A. LAN Links (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>
5. 45 Mbps, with protection, per LAN Link termination[1]		
a. AC (Alternating Current)		
• Monthly	DPUFM	\$2,100.00
• 12 Months	DPUF1	1,995.00
• 24 Months	DPUF2	1,890.00
• 36 Months	DPUF3	1,785.00
• 48 Months	DPUF4	1,743.00
• 60 Months	DPUF5	1,680.00
b. DC (Direct Current)		
• Monthly	DPUGM	2,100.00
• 12 Months	DPUG1	1,995.00
• 24 Months	DPUG2	1,890.00
• 36 Months	DPUG3	1,785.00
• 48 Months	DPUG4	1,743.00
• 60 Months	DPUG5	1,680.00

[1] Protection not available in non-LSS Service Points.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

**A. LAN Links (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	
6. 100 Mbps, without protection, per LAN Link termination			(M) (N)
a. AC (Alternating Current)			
• Monthly	DLUHM	\$2,175.00	
• 12 Months	DLUH1	2,066.25	
• 24 Months	DLUH2	1,957.50	
• 36 Months	DLUH3	1,848.75	
• 48 Months	DLUH4	1,805.25	
• 60 Months	DLUH5	1,740.00	
b. DC (Direct Current)			
• Monthly	DLUJM	2,175.00	
• 12 Months	DLUJ1	2,066.25	
• 24 Months	DLUJ2	1,957.50	
• 36 Months	DLUJ3	1,848.75	
• 48 Months	DLUJ4	1,805.25	
• 60 Months	DLUJ5	1,740.00	(N)

(M) Certain material formerly found on this page can now be found in Grandfathered Section 8.99.

(Filed under Transmittal No. 175.)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

**A. LAN Links (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>
7. 100 Mbps, with protection, per LAN Link termination[1]		
a. AC (Alternating Current)		
• Monthly	DPUHM	\$3,262.50
• 12 Months	DPUH1	3,099.38
• 24 Months	DPUH2	2,936.25
• 36 Months	DPUH3	2,773.13
• 48 Months	DPUH4	2,707.88
• 60 Months	DPUH5	2,610.00
b. DC (Direct Current)		
• Monthly	DPUJM	3,262.50
• 12 Months	DPUJ1	3,099.38
• 24 Months	DPUJ2	2,936.25
• 36 Months	DPUJ3	2,773.13
• 48 Months	DPUJ4	2,707.88
• 60 Months	DPUJ5	2,610.00

[1] Protection not available in non-LSS Service Points.

(M) Certain material formerly found on this page can now be found in Grandfathered Section 8.99.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES (Cont'd)**

**B. Transport Mileage**

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
1. Interoffice Transport for 10 Mbps or 45 Mbps LAN Link		
a. Monthly		
• Fixed	JZXAM	\$500.00
• Per mile	JZXAM	62.00
b. 12 Months		
• Fixed	JZXA1	475.00
• Per mile	JZXA1	58.90
c. 24 Months		
• Fixed	JZXA2	450.00
• Per mile	JZXA2	55.80
d. 36 Months		
• Fixed	JZXA3	425.00
• Per mile	JZXA3	52.70
e. 48 Months		
• Fixed	JZXA4	415.00
• Per mile	JZXA4	51.46
f. 60 Months		
• Fixed	JZXA5	400.00
• Per mile	JZXA5	49.60

(N)

(N)

(M) Certain material formerly found on this page can now be found on Page 8-440 and Grandfathered Section 8.99.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

**B. Transport Mileage(Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T) (M)
2. Interoffice Transport for 100 Mbps LAN Link			(N)
a. Monthly			
- Fixed	JZXB1	\$940.00	
- Per mile	JZXB1	113.53	
b. 12 Months			
- Fixed	JZXB1	893.00	
- Per mile	JZXB1	107.85	
c. 24 Months			
- Fixed	JZXB2	846.00	
- Per mile	JZXB2	102.17	
d. 36 Months			
- Fixed	JZXB3	799.00	
- Per mile	JZXB3	96.50	
e. 48 Months			
- Fixed	JZXB4	780.20	
- Per mile	JZXB4	94.23	
f. 60 Months			
- Fixed	JZXB5	752.00	
- Per mile	JZXB5	90.82	(N)

(M) Certain material formerly found on this page can now be found on Page 8-441.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>(M)</b>
<b>C. Remote LAN Links</b>			<b>(T)</b>
<b>1. Nonrecurring Charge</b>			
• Per Remote LAN Link termination	NRB6E	\$1,700.00	
	<b>USOC</b>	<b>MONTHLY RATE</b>	
<b>2. 10 Mbps, per Remote LAN Link termination</b>			<b>(C) (C)</b>
• Monthly	RLUCM	\$1,700.00	
• 12 Months	RLUC1	1,615.00	
• 36 Months	RLUC3	1,445.00	
• 60 Months	RLUC5	1,360.00	
<b>3. 45 Mbps, per Remote LAN Link termination</b>			<b>(C) (C)</b>
• Monthly	RLU1M	2,100.00	
• 12 Months	RLU11	1,995.00	
• 36 Months	RLU13	1,785.00	
• 60 Months	RLU15	1,680.00	<b>(M)</b>

(M) Certain material previously found on this page can now be found on Page 8-442.

(M) Certain material found on this page formerly appeared on Page 8-438.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES (Cont'd)**

**D. Remote Transport Mileage**

	<b>USOC</b>	<b>MONTHLY RATE</b>	(C)(M)
1. Interoffice Transport for 10 Mbps Remote LAN Link			(C) (C)
a. Monthly			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ3OA	\$369.31	
- Per mile	JZ3OA	32.04	
• Over 8 to 25			
- Fixed	JZ3OB	371.09	
- Per mile	JZ3OB	21.97	
• Over 25 to 50			
- Fixed	JZ3OC	374.06	
- Per mile	JZ3OC	31.94	
• Over 50			
- Fixed	JZ3OD	387.13	
- Per mile	JZ3OD	36.20	(M)

(M) Certain material previously found on this page can now be found on Page 8-443.

(M) Certain material found on this page formerly appeared on Page 8-439.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D.1. (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
b. 12 Months			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ3XA	\$350.85	
- Per mile	JZ3XA	30.44	
• Over 8 to 25			
- Fixed	JZ3XB	352.54	
- Per mile	JZ3XB	20.87	
• Over 25 to 50			
- Fixed	JZ3XC	355.36	
- Per mile	JZ3XC	30.34	
• Over 50			
- Fixed	JZ3XD	367.77	
- Per mile	JZ3XD	34.39	(M)

(M) Certain material previously found on this page can now be found on Page 8-444.

(M) Certain material found on this page formerly appeared on Page 8-440.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D.1. (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
c. 36 Months			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ3ZA	\$313.92	
- Per mile	JZ3ZA	27.34	
• Over 8 to 25			
- Fixed	JZ3ZB	315.43	
- Per mile	JZ3ZB	18.68	
• Over 25 to 50			
- Fixed	JZ3ZC	317.96	
- Per mile	JZ3ZC	27.26	
• Over 50			
- Fixed	JZ3ZD	329.06	
- Per mile	JZ3ZD	30.89	(M)

(M) Certain material previously found on this page can now be found on Page 8-445.

(M) Certain material found on this page formerly appeared on Page 8-441.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D.1. (Cont'd)

	USOC	MONTHLY RATE	(T)(M)
d. 60 Months			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ35A	\$295.45	
- Per mile	JZ35A	25.63	
• Over 8 to 25			
- Fixed	JZ35B	296.88	
- Per mile	JZ35B	17.58	
• Over 25 to 50			
- Fixed	JZ35C	299.25	
- Per mile	JZ35C	25.55	
• Over 50			
- Fixed	JZ35D	309.70	
- Per mile	JZ35D	28.96	(M)

(M) Certain material previously found on this page can now be found on Page 8-446.

(M) Certain material found on this page formerly appeared on Page 8-442.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D. Remote Transport Mileage (Cont'd)

	USOC	MONTHLY RATE	(T)(M)
2. Interoffice Transport for 45 Mbps Remote LAN Link			(C) (C)
a. Monthly			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ36A	\$590.90	
- Per mile	JZ36A	51.26	
• Over 8 to 25			
- Fixed	JZ36B	593.75	
- Per mile	JZ36B	35.15	
• Over 25 to 50			
- Fixed	JZ36C	598.50	
- Per mile	JZ36C	51.11	
• Over 50			
- Fixed	JZ36D	619.40	
- Per mile	JZ36D	57.92	(M)

(M) Certain material previously found on this page can now be found on Page 8-446.1.

(M) Certain material found on this page formerly appeared on Page 8-443.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D.2. (Cont'd )

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
b. 12 Months			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ37A	\$561.36	
- Per mile	JZ37A	48.70	
• Over 8 to 25			
- Fixed	JZ37B	564.06	
- Per mile	JZ37B	33.39	
• Over 25 to 50			
- Fixed	JZ37C	568.58	
- Per mile	JZ37C	48.55	
• Over 50			
- Fixed	JZ37D	588.43	
- Per mile	JZ37D	55.02	(M)

(M) Certain material previously found on this page can now be found on Page 8-446.2.

(M) Certain material found on this page formerly appeared on Page 8-444.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D.2. (Cont'd )

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
c. 36 Months			
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ38A	\$502.27	
- Per mile	JZ38A	43.74	
• Over 8 to 25			
- Fixed	JZ38B	504.69	
- Per mile	JZ38B	29.88	
• Over 25 to 50			
- Fixed	JZ38C	508.73	
- Per mile	JZ38C	43.61	
• Over 50			
- Fixed	JZ38D	526.49	
- Per mile	JZ38D	49.42	(M)

(M) Certain material found on this page formerly appeared on Page 8-445.

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1801 California Street, Denver, Colorado 80202

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.6 LOCAL AREA NETWORK SWITCHING SERVICE**

**8.6.4 RATES AND CHARGES**

D.2. (Cont'd)

	<b>USOC</b>	<b>MONTHLY RATE</b>	(T)(M)
d. 60 Months			(T)
Mileage Bands			
• Over 0 to 8			
- Fixed	JZ39A	\$472.72	
- Per mile	JZ39A	41.00	
• Over 8 to 25			
- Fixed	JZ39B	475.00	
- Per mile	JZ39B	28.12	
• Over 25 to 50			
- Fixed	JZ39C	478.80	
- Per mile	JZ39C	40.88	
• Over 50			
- Fixed	JZ39D	495.52	
- Per mile	JZ39D	46.33	(M)

(M) Certain material found on this page formerly appeared on Page 8-446.

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## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.7 MODEM AGGREGATION SERVICE (MAS)**

#### **8.7.1 GENERAL**

##### **A. Description**

Effective May 1, 2001, Modem Aggregation Service (MAS) is limited to existing customers only. After that date no new or existing customer requests will be taken. All Pricing Plan customers may retain their service until the expiration of their term.

The Company's Modem Aggregation Service (MAS) enables customers to subscribe to the use of modems located within designated Company local calling areas.

MAS shall not be used to provide originating switched voice traffic using internet technologies. When the Company determines that the service is being used to originate switched voice traffic, the customer will be given 30 days to discontinue the unauthorized use. During this 30-day period the customer will be given the option to purchase an applicable switched access product. Failure to discontinue the aforementioned use of MAS will result in its disconnection and in the application of appropriate TLA charges.

For a given local calling area, the service provides to the MAS customer a dial-in phone number and a customer-specified number of MAS ports. The end users of a MAS customer can place any combination of modem (analog) calls and/or ISDN (digital) calls to the assigned MAS phone number within the local calling area, up to and including the subscribed-to number of MAS ports. End-user calls in excess of the subscribed number of MAS ports will receive a subscriber busy signal.

Once the call is connected, the end-user PPP (Point to Point Protocol) traffic is delivered to the MAS customer location over a L2TP (Layer 2 Tunneling Protocol) tunnel using standard Frame Relay Service or ATM Service where these services are available. End user traffic from multiple Company local calling areas can be aggregated onto a single Frame Relay or ATM PVC (Permanent Virtual Circuit).

(T)



**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.7 MODEM AGGREGATION SERVICE (MAS)**

**8.7.1 GENERAL**

**A. Description (Cont'd)**

MAS requires the use of customer provided equipment L2TP Network Service (LNS) located at the customer's premise to interface with the end user modem traffic that is delivered over the Frame Relay Service or ATM Service to the customer premise. The customer must purchase either Frame Relay Service or ATM Service in order to connect their network to the Central Office based MAS modems. Availability of MAS is limited to those wire centers where MAS and Frame Relay Service or ATM Service is available. The locations designated by the Company are listed in the National Exchange Carrier Association Tariff FCC No. 4.

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(T)

(T)

MAS does not guarantee or warranty the speed or success rate which end users will realize when attempting to connect to the service. Connect speeds and connection success rates vary widely across end user local loops and equipment.

The customer must purchase and install equipment at their premise in order to terminate the end user calls and route them to their end destination. Technical Specifications for MAS are delineated in Qwest Corporation Technical Publication PUB 77402.

MAS customers will receive graphical daily usage reports delivered via e-mail to one e-mail address specified by the customer of record.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.7 MODEM AGGREGATION SERVICE (MAS) (Cont'd)**

**8.7.2 RATE ELEMENTS**

**A. MAS Recurring Charges**

A monthly rate will be applied based on the number of modems to which the customer subscribes. MAS modems are available in blocks of 10. The charges do not include the Frame Relay Service or ATM Service access link, port charges, or bandwidth. Frame Relay or ATM Services are purchased as set forth in Section 8, preceding.

(T)  
(T)

**B. MAS Nonrecurring Charges**

A nonrecurring telephone number charge applies per telephone number when the customer changes their existing telephone number or orders a new MAS telephone number. An order change charge initial or subsequent applies per service order. Changes are only allowed in increments of 10.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.7 MODEM AGGREGATION SERVICE (MAS)**

**8.7.3 PRICING PLANS**

Effective May 1, 2001, Modem Aggregation Service (MAS) is limited to existing customers only. After that date no new customer requests will be taken. All Pricing Plan customers may retain their service until the expiration of their term. On December 6, 2000 Pricing Plans of 36 and 60 months were Grandfathered to existing customers. Minimum Service Periods and Termination Liability apply.

(C)  
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(C)

MAS may be ordered at the customer's option on a month-to-month basis or under a Fixed Period Service Rate Plan of 12 months. The optional rate plans give the MAS customer the assurance of no Company-initiated increases in rates during the fixed period. The minimum service period for Fixed Period Service Rate is 12 months as set forth in Section 5, preceding.

When customers with Intrastate MAS existing prior to April 4, 2000 migrate to the MAS offered in this Tariff at the same address of record a nonrecurring charge will not apply and applicable TLA will be waived.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.7 MODEM AGGREGATION SERVICE (MAS) (Cont'd)**

**8.7.4 RATES AND CHARGES**

This service is Grandfathered as set forth in 8.7.1, preceding.

(C)

**A. MAS Recurring Charges**

	<b>USOC</b>	<b>MONTHLY RATE</b>
1. 1 to 20 Blocks, per Block		
• Monthly	MBLB2	\$650.00
• 12 Months	MBLB2	450.00
• 36 Months	MBLB2	430.00
• 60 Months	MBLB2	400.00
2. 21 to 200 Blocks, per Block		
• Monthly	MBLB2	600.00
• 12 Months	MBLB2	430.00
• 36 Months	MBLB2	400.00
• 60 Months	MBLB2	380.00
3. 201 Blocks and Above, per Block		
• Monthly	MBLB2	550.00
• 12 Months	MBLB2	360.00
• 36 Months	MBLB2	340.00
• 60 Months	MBLB2	320.00

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.7 MODEM AGGREGATION SERVICE (MAS)**

**8.7.4 RATES AND CHARGES (Cont'd)**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	(T)(M) (T)
B. MAS Nonrecurring Charges,			(T)
1. MAS Telephone Number Charge, per telephone number	REALC	\$200.00	(T)
2. MAS order charge, initial and subsequent, per service order	REALP	40.00	(T)(M)

Certain material on this page formerly appeared on Page 8-310.

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## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.8 METRO OPTICAL ETHERNET (MOE)**

#### **8.8.1 GENERAL**

##### **A. Description**

Metro Optical Ethernet (MOE) Service is a flexible, easy-to-use, transport service that uses established Ethernet transport technology. MOE allows customers to connect multiple enterprise locations within a service area using native Ethernet protocol. MOE is available over three distinct designs: Customer Premises, Central Office and Ethernet with Extended Transport (EwET).

Customer Premises MOE supports transmission speeds as low as 5 Mbps and up to 1 Gbps in increments of 10 Mbps from 10 to 100 Mbps, and in increments of 100 Mbps from 100 to 1,000 Mbps. Central Office MOE supports transmission speeds of 100 Mbps, 600 Mbps and 1,000 Mbps. EwET MOE supports transmission speeds as low as 5 Mbps and up to 40 Mbps.

The provisioning of MOE contemplates the use of existing facilities. There may be occasions when MOE is not available due to facilities limitations, or when it may be necessary to construct facilities. If Special Construction is involved, the regulations as set forth in Tariff F.C.C. No. 2 will apply.

A customer may request that the facilities used to provide MOE be specially routed. The regulations, rates and charges for Special Facilities Routing (i.e., Diversity) are as set forth in Section 11, following.

Technical Specifications for MOE Service are delineated in Qwest Corporation Technical Publication PUB 77411.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.1 GENERAL (Cont'd)**

**B. Service Elements**

**1. Network Interface (NI)**

**a. Customer Premises NI**

(N)

The Company network interface is the point of interconnection between Company communications facilities and terminal equipment or other customer-provided facilities. The network interface is the point of demarcation on the customer's premises where the Company's responsibility for the provision of MOE Service ends.

**b. Central Office NI**

(D)  
(N)

The Company network interface is the point of interconnection between either Company services or Company-provided collocation within the same central office. The network interface is the point of demarcation in the Company's central office.

(N)

**2. Access Link**

A MOE Access Link connects a customer facility at the Customer Premises NI to an Ethernet port on the MOE network with a standard optical or copper connection.

(C)

**3. MOE Port**

MOE Port is an Ethernet port that is the physical entry point to the shared Metro Optical Ethernet Network. Ethernet Virtual Circuits (EVC), originate and terminate on a MOE Port. Customers may choose to connect to an electrical 10/100 port or an electrical or optical 1,000 Mbps port on the Company network.

(M) Certain material previously found on this page can now be found on Page 452.2.1.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.1 GENERAL**

**B. Service Elements(Cont'd)**

**4. Bandwidth Profile**

(M)

The Bandwidth Profile is provisioned over the MOE Port in three distinct designs:

(C-M)

- Customer Premises Bandwidth Profile is the standard MOE offering which uses the native Ethernet protocol to connect multiple enterprise locations with the customer's premises.

(C-M)

- Central Office Bandwidth Profile is a MOE offering that originates and terminates in the same central office for use with SST, GeoMax and SHNS Ethernet Ports. This Bandwidth Profile can also be used for Collocation.

(N)

- EwET Bandwidth Profile offers MOE outside the designated MOE service area via Ethernet with Extended Transport (EwET) using the EwET customer interface.

(N)

(M1)

**8.8.2 RATE ELEMENTS**

**A. MOE Port**

A nonrecurring charge applies per new MOE Port. A nonrecurring charge for a MOE Port will also be assessed when an electrical port is changing to an optical port or an optical port is changing to an electrical port. Exception: there will be no charge if a customer goes from one electrical port to another electrical port or from one optical port to another optical port. Customers may choose to connect to an electrical 10/100 port or an electrical or optical 1,000 Mbps port on the Company network. This charge is associated with all three Bandwidth Profile designs.

(C)(M1)

(M) Certain material on this page formerly appeared on Page 8-452.2.

(M1) Certain material on this page formerly appeared on Page 452.3.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.2 RATE ELEMENTS(Cont'd)**

**B. Bandwidth Profile**

A monthly rate is assessed per Bandwidth Profile subscribed to and the term plan chosen as set forth in 8.8.3, following. Customers may subscribe to one of the following:

**1. Customer Premises Bandwidth**

- 10 Mbps Ports: 5 Mbps and 10 Mbps
- 100 Mbps Ports: 10 Mbps, 20 Mbps, 30 Mbps, 40 Mbps, 50 Mbps, 60 Mbps, 70 Mbps, 80 Mbps, 90 Mbps and 100 Mbps
- 1,000 Mbps Ports: 10 Mbps, 20 Mbps, 30 Mbps, 40 Mbps, 50 Mbps, 60 Mbps, 70 Mbps, 80 Mbps, 90 Mbps, 100 Mbps, 200 Mbps, 300 Mbps, 400 Mbps, 500 Mbps, 600 Mbps, 700 Mbps, 800 Mbps, 900 Mbps and 1,000 Mbps

**2. Central Office Bandwidth**

- 1,000 Mbps Ports: 100 Mbps, 600 Mbps and 1,000 Mbps

**3. EwET Bandwidth[1]**

- 10/100 Mbps Ports: 5 Mbps, 10 Mbps, 20 Mbps, 30 Mbps and 40 Mbps

**C. EwET Customer Interface**

The EwET Customer Interface rate is monthly recurring rate assessed when EwET Bandwidth is connected at the customer's premises.

- [1] A Company-provided DS3 Channel Termination and Transport Channel Mileage (for distance between a MOE Central Office Switch and Company Non-MOE Central Office) at rates set forth in Sections 7, preceding and Section 17, following will be assessed when MOE is connected to EwET. An EwET Customer Interface will also be assessed.

(M) Certain material previously found on this page can now be found on Page 8-452.2.1.

(M1) Certain material previously found on this page can now be found on Page 8-452.3.1.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.2 RATE ELEMENTS(Cont'd)**

**D. Central Office Connecting Channel (COCC)**

The Central Office Connecting Channel (COCC) rate is comprised of a monthly recurring rate and a nonrecurring rate per connection. This rate will apply when a MOE Bandwidth Port connects to another service.

(N)

(N)

**E. Optional Features**

(T)(M)

**1. Multiple Ethernet Virtual Circuits (EVCs)**

Each MOE Port provided by the Company will come standard with the capability to provide one Ethernet Virtual Circuit (EVC) at no additional charge. Customers may order more than one EVC per port, but for each additional EVC, the Company will bill a monthly EVC charge at rates set forth in 8.8.4.D, following.

(M)

**2. Quality of Service**

Quality of Service for MOE allows customers to prioritize their traffic in four classes of service. The four different classes of service or levels are Priority 1, Priority 2, Priority 3 and Priority 4. Together they allow customers the ability to match the correct level to their application at monthly rates set forth in 8.4.4.E, following. The four classes of service or priority levels uses are described below:

- Priority 1 – This Quality of Service class of service supports VoIP (Voice over Internet Protocol) and other near real time applications.
- Priority 2 – This Quality of Service class of service supports interactive Video applications.
- Priority 3 - This Quality of Service class of service supports business data applications.
- Priority 4 - This Quality of Service is the default for all other traffic that is not defined in Priorities 1, 2 or 3 above. Priority 4 traffic will have the lowest priority on the network.

(M1)

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(M1) Certain material previously found on this page can now be found on Page 8-452.3.2.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.2 RATE ELEMENTS**

E. Optional Features

2. Quality of Service(Cont'd)

(T)

In all Quality of Service options, at least 5 Mbps of the Bandwidth Profile will be Priority 1 traffic. Priority 1 traffic is ordered in 5 Mbps increments and customers may order multiples of Quality of Service at monthly and Pricing Plan rates set forth in 8.8.4.E, following. Each individual Quality of Service reserves 5 Mbps of the Bandwidth Profile for Priority 1 traffic where as when a customer orders 4 Qualities of Service the customer would receive 20 Mbps of the Bandwidth Profile for Priority 1 traffic. In addition to the Priority 1 traffic, customers must specify the traffic percentage levels for Priorities 2, 3 and 4 for the remainder of the Bandwidth using the defined templates following.

(M)

(M)

When Quality of Service is ordered 8 different options or templates will be available. Each template specifies how the remaining Bandwidth Profile will be distributed to Priorities 2, 3 and 4 as set forth in the 8 templates, below:

	<u>Priority 2</u>	<u>Priority 3</u>	<u>Priority 4</u>
Template 1	20%	40%	40%
Template 2	25%	35%	40%
Template 3	30%	30%	40%
Template 4	35%	25%	40%
Template 5	40%	20%	40%
Template 6	45%	15%	40%
Template 7	50%	10%	40%
Template 8	55%	5%	40%

Quality of Service comes with a service guarantee for every increment of 5 megabits of Priority 1 traffic. The SLA credit will be based on a specific calendar month's performance as set forth in Section 2.4.4.B.7, preceding.

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## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.8 METRO OPTICAL ETHERNET (MOE)**

#### **8.8.2 RATE ELEMENTS**

##### **E. Optional Features(Cont'd)**

(T)

#### **3. Protect Routing**

Protect Routing provides added reliability to MOE transported over fiber optic facilities. Protect Routing provides a separate facility path for the protection system between the serving wire center and the Company point of termination located in the same building as the customer designated premises when the customer or building owner provides the structure for diverse entrance facilities into the building. The Company will bill a monthly Protect Routing charge as set forth in 8.4.4.F, following.

This added protection is provided by ensuring that backup electronics and two physically separate facility paths are used in the provisioning of the service. One primary (or working) service path is established between the serving wire center and the customer designated premises. In addition, a protect path is provisioned between the customer designated premises and the serving wire center via a Company designated alternate route. In the event that the working facility or electronics fail or the service performance becomes impaired, the facility automatically switches to the service protect path in order to maintain a near continuous flow of information between locations.

Protect Routing comes with a service guarantee should the continuity between the customer designated premises and serving wire center fail as set forth in Section 2.4.4.B.7, preceding.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.3 PRICING PLANS**

**A. General**

1. The initial order for a MOE Service must be for a fixed period service rate plan of 12-, 24-, 36- or 60-months. The rate plan allows MOE customers the assurance of no Company-initiated increases in rates during the fixed period, but MOE customers will not receive rate decreases if the Company decreases the rates during their term plan. At the end of the initial service period, a customer may elect the month-to-month option or any of the specified fixed service periods. Should the customer fail to make a choice by the end of a fixed period, the service will automatically revert to the effective monthly (month-to-month) rates. (C)
2. A subsequent order to add or change a Bandwidth Profile, Quality of Service or Protect Routing to an existing fixed-period service pricing plan must be coterminous for the remainder of the existing fixed-period service pricing plan. (C)  
(C)
3. A subsequent order to add or change a MOE Port during the fixed period service rate plan will be assessed the nonrecurring charge.
4. A subsequent order to increase a MOE Bandwidth during the fixed period service rate plan will not be assessed the MOE Port nonrecurring charge. The monthly rate will be changed to the new MOE Bandwidth Profile Charge. The customer may subsequently decrease the MOE Bandwidth Profile as low as the originally configured bandwidth without being assessed Termination Liability (TLA). If the customer chooses to decrease MOE Bandwidth to a lower bandwidth than originally agreed to prior to the expiration date of the fixed period service rate plan TLA will apply.

**B. Termination Liability and Waiver**

1. If the customer chooses to terminate their MOE service prior to the expiration date of the fixed period rate plan, Termination Liability and Waiver will apply to all fixed period rate elements, as set forth in 8.1.5 preceding. (T)
2. If the customer chooses to decrease a MOE Bandwidth Profile to lower than the originally configured bandwidth prior to the expiration date of the fixed period rate plan, Termination Liability and Waiver will apply, as set forth in 8.1.5 preceding. (D)  
(T)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.3 PRICING PLANS (CONT'D)**

**C. Changes to Rate Plans**

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a new fixed period service rate plan at any time the customer chooses without incurring nonrecurring charges or Termination Liability. This upgrade will be allowed provided the channel interface and the customer designated premises remain the same. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded. The monthly rates will be those in effect at the time the new fixed period begins. New minimum service periods apply to upgrades in rate plans. (T)

If a customer chooses to change an existing service provided under a fixed period service rate plan to a month-to-month plan, the change will be treated as a discontinuance of the existing service and an establishment of new service.

Appropriate Termination Liability, as set forth in 8.1.5, and a new minimum period will apply in addition to the new monthly rates for the service. (T)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

**A. MOE Port**

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
1. 10/100 Mbps, Per MOE Port			
• Monthly	PO4SX	\$ 600.00	
• 12 Months	PO4S1	600.00	
- Vintage 11/19/03 through 9/16/04		1,200.00	
• 24 Months	PO4S2	600.00	(N)
• 36 Months	PO4S3	600.00	
- Vintage 11/19/03 through 9/16/04		1,200.00	
• 60 Months	PO4S5	600.00	
- Vintage 11/19/03 through 9/16/04		1,200.00	
2. 1,000 Mbps, Per MOE Port			
• Monthly	PO4UX	1,200.00	
• 12 Months	PO4U1	1,200.00	
• 24 Months	PO4U2	1,200.00	(N)
• 36 Months	PO4U3	1,200.00	
• 60 Months	PO4U5	1,200.00	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES (Cont'd)**

**B. Bandwidth Profile (T)**

**1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports (N)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	
a. 5 Bandwidth, Per 10/100 Mbps Port			(T)
• Monthly	BP4AX	\$ 800.00	
• 12 Months	BP4A1	760.00	
• 24 Months	BP4A2	725.00	
• 36 Months	BP4A3	680.00	
• 60 Months	BP4A5	640.00	
b. 10 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4BX	900.00	
• 12 Months	BP4B1	855.00	
• 24 Months	BP4B2	815.00	
• 36 Months	BP4B3	765.00	
• 60 Months	BP4B5	720.00	
c. 20 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4CX	967.00	
• 12 Months	BP4C1	918.70	
- Vintage 11/19/03 through 9/16/04		1,003.20	
• 24 Months	BP4C2	875.00	
• 36 Months	BP4C3	822.00	
- Vintage 11/19/03 through 9/16/04		897.60	
• 60 Months	BP4C5	773.60	
- Vintage 11/19/03 through 9/16/04		844.80	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
d. 30 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4DX	\$1,034.00	
• 12 Months	BP4D1	982.30	
- Vintage 11/19/03 through 9/16/04		1,151.40	
• 24 Months	BP4D2	935.00	
• 36 Months	BP4D3	878.90	
- Vintage 11/19/03 through 9/16/04		1,030.20	
• 60 Months	BP4D5	827.20	
- Vintage 11/19/03 through 9/16/04		969.60	
e. 40 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4EX	1,101.00	
• 12 Months	BP4E1	1,046.00	
- Vintage 11/19/03 through 9/16/04		1,299.60	
• 24 Months	BP4E2	995.00	
• 36 Months	BP4E3	935.90	
- Vintage 11/19/03 through 9/16/04		1,162.80	
• 60 Months	BP4E5	880.80	
- Vintage 11/19/03 through 9/16/04		1,094.40	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
f. 50 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4FX	\$1,168.00	
• 12 Months	BP4F1	1,109.60	
- Vintage 11/19/03 through 9/16/04		1,447.80	
• 24 Months	BP4F2	1,055.00	
• 36 Months	BP4F3	992.80	
- Vintage 11/19/03 through 9/16/04		1,295.40	
• 60 Months	BP4F5	934.40	
- Vintage 11/19/03 through 9/16/04		1,219.20	
g. 60 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4GX	1,235.00	
• 12 Months	BP4G1	1,173.30	
- Vintage 11/19/03 through 9/16/04		1,596.00	
• 24 Months	BP4G2	1,115.00	
• 36 Months	BP4G3	1,049.80	
- Vintage 11/19/03 through 9/16/04		1,428.00	
• 60 Months	BP4G5	988.00	
- Vintage 11/19/03 through 9/16/04		1,344.00	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

**B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)**

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
h. 70 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4HX	\$1,302.00	
• 12 Months	BP4H1	1,236.90	
- Vintage 11/19/03 through 9/16/04		1,744.20	
• 24 Months	BP4H2	1,175.00	
• 36 Months	BP4H3	1,106.70	
- Vintage 11/19/03 through 9/16/04		1,560.60	
• 60 Months	BP4H5	1,041.60	
- Vintage 11/19/03 through 9/16/04		1,468.80	
i. 80 Bandwidth, Per 10/100/1,000 Mbps Port			(T)
• Monthly	BP4JX	1,369.00	
• 12 Months	BP4J1	1,300.60	
- Vintage 11/19/03 through 9/16/04		1,892.40	
• 24 Months	BP4J2	1,235.00	
• 36 Months	BP4J3	1,163.70	
- Vintage 11/19/03 through 9/16/04		1,693.20	
• 60 Months	BP4J5	1,095.20	
- Vintage 11/19/03 through 9/16/04		1,593.60	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
j. 90 Bandwidth, Per 10/100/1,000 Mbps Port		
• Monthly	BP4KX	\$1,436.00
• 12 Months	BP4K1	1,364.20
- Vintage 11/19/03 through 9/16/04		2,040.60
• 24 Months	BP4K2	1,295.00
• 36 Months	BP4K3	1,220.60
- Vintage 11/19/03 through 9/16/04		1,825.80
• 60 Months	BP4K5	1,148.80
- Vintage 11/19/03 through 9/16/04		1,718.40
k. 100 Bandwidth, Per 10/100/1,000 Mbps Port		
• Monthly	BP4LX	1,500.00
• 12 Months	BP4L1	1,425.00
- Vintage 11/19/03 through 9/16/04		2,185.00
• 24 Months	BP4L2	1,355.00
• 36 Months	BP4L3	1,275.00
- Vintage 11/19/03 through 9/16/04		1,955.00
• 60 Months	BP4L5	1,200.00
- Vintage 11/19/03 through 9/16/04		1,840.00

(T)

(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	USOC	MONTHLY RATE	
l. 100 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4LX	\$1,500.00	
• 12 Months	BP4L1	1,425.00	
- Vintage 11/19/03 through 9/16/04		2,185.00	
• 24 Months	BP4L2	1,355.00	
• 36 Months	BP4L3	1,275.00	
- Vintage 11/19/03 through 9/16/04		1,955.00	
• 60 Months	BP4L5	1,200.00	
- Vintage 11/19/03 through 9/16/04		1,840.00	
m. 200 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4MX	2,089.00	
• 12 Months	BP4M1	1,984.60	
- Vintage 11/19/03 through 9/16/04		3,209.10	
• 24 Months	BP4M2	1,885.00	
• 36 Months	BP4M3	1,775.70	
- Vintage 11/19/03 through 9/16/04		2,871.30	
• 60 Months	BP4M5	1,671.20	
- Vintage 11/19/03 through 9/16/04		2,702.40	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
n. 300 Bandwidth, Per 1,000 Mbps Ports		
• Monthly	BP4NX	\$2,678.00
• 12 Months	BP4N1	2,544.10
- Vintage 11/19/03 through 9/16/04		4,233.20
• 24 Months	BP4N2	2,415.00
• 36 Months	BP4N3	2,276.30
- Vintage 11/19/03 through 9/16/04		3,787.60
• 60 Months	BP4N5	2,142.40
- Vintage 11/19/03 through 9/16/04		3,564.80

(T)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
o. 400 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4OX	\$3,267.00	
• 12 Months	BP4O1	3,103.70	
- Vintage 11/19/03 through 9/16/04		5,257.30	
• 24 Months	BP4O2	2,945.00	
• 36 Months	BP4O3	2,777.00	
- Vintage 11/19/03 through 9/16/04		4,703.90	
• 60 Months	BP4O5	2,613.60	
- Vintage 11/19/03 through 9/16/04		4,427.20	
p. 500 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4PX	3,856.00	
• 12 Months	BP4P1	3,663.20	
- Vintage 11/19/03 through 9/16/04		6,281.40	
• 24 Months	BP4P2	3,475.00	
• 36 Months	BP4P3	3,277.60	
- Vintage 11/19/03 through 9/16/04		5,620.20	
• 60 Months	BP4P5	3,084.80	
- Vintage 11/19/03 through 9/16/04		5,289.60	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

**B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)**

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
q. 600 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4QX	\$4,445.00	
• 12 Months	BP4Q1	4,222.80	
- Vintage 11/19/03 through 9/16/04		7,305.50	
• 24 Months	BP4Q2	4,005.00	
• 36 Months	BP4Q3	3,778.30	
- Vintage 11/19/03 through 9/16/04		6,536.50	
• 60 Months	BP4Q5	3,556.00	
- Vintage 11/19/03 through 9/16/04		6,152.00	
r. 700 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4RX	5,034.00	
• 12 Months	BP4R1	4,782.30	
- Vintage 11/19/03 through 9/16/04		8,329.60	
• 24 Months	BP4R2	4,535.00	
• 36 Months	BP4R3	4,278.90	
- Vintage 11/19/03 through 9/16/04		7,452.80	
• 60 Months	BP4R5	4,027.20	
- Vintage 11/19/03 through 9/16/04		7,014.40	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>	
s. 800 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4SX	\$ 5,623.00	
• 12 Months	BP4S1	5,341.90	
- Vintage 11/19/03 through 9/16/04		9,353.70	
• 24 Months	BP4S2	5,065.00	
• 36 Months	BP4S3	4,779.60	
- Vintage 11/19/03 through 9/16/04		8,369.10	
• 60 Months	BP4S5	4,498.40	
- Vintage 11/19/03 through 9/16/04		7,876.80	
t. 900 Bandwidth, Per 1,000 Mbps Ports			(T)
• Monthly	BP4TX	6,212.00	
• 12 Months	BP4T1	5,901.40	
- Vintage 11/19/03 through 9/16/04		10,377.80	
• 24 Months	BP4T2	5,595.00	
• 36 Months	BP4T3	5,280.20	
- Vintage 11/19/03 through 9/16/04		9,285.40	
• 60 Months	BP4T5	4,969.60	
- Vintage 11/19/03 through 9/16/04		8,739.20	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

B.1. Customer Premises Bandwidth for 10/100/1,000 Mbps Ports(Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
u. 1,000 Bandwidth, Per 1,000 Mbps Ports		
• Monthly	BP4UX	\$ 6,800.00
• 12 Months	BP4U1	6,460.00
- Vintage 11/19/03 through 9/16/04		11,400.00
• 24 Months	BP4U2	6,125.00
• 36 Months	BP4U3	5,780.00
- Vintage 11/19/03 through 9/16/04		10,200.00
• 60 Months	BP4U5	5,440.00
- Vintage 11/19/03 through 9/16/04		9,600.00

(T)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

**B. Bandwidth Profile(Cont'd)**

**2. Central Office MOE Bandwidth Profile for 1,000 Mbps Ports**

	<b>USOC</b>	<b>MONTHLY RATE</b>
a. 100 Bandwidth, Per 1,000 Mbps Port		
• Monthly	BP5LX	\$ 564.00
• 12 Months	BP5L1	536.00
• 24 Months	BP5L2	508.00
• 36 Months	BP5L3	479.00
• 60 Months	BP5L5	451.00
b. 600 Bandwidth, Per 1,000 Mbps Port		
• Monthly	BP5QX	1,946.00
• 12 Months	BP5Q1	1,849.00
• 24 Months	BP5Q2	1,751.00
• 36 Months	BP5Q3	1,654.00
• 60 Months	BP5Q5	1,557.00
c. 1,000 Bandwidth, Per 1,000 Mbps Port		
• Monthly	BP5UX	3,052.00
• 12 Months	BP5U1	2,899.00
• 24 Months	BP5U2	2,747.00
• 36 Months	BP5U3	2,594.00
• 60 Months	BP5U5	2,441.00

(N)

(N)

(M) Certain material previously found on this page can now be found on Page 8-452.12.6.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

**B. Bandwidth Profile(Cont'd)**

**3. EwET MOE Bandwidth Profile for 10/100 Mbps Ports**

	<b>USOC</b>	<b>MONTHLY RATE</b>
a. 5 Bandwidth, Per 10/100 Mbps Port		
• Monthly	BP6AX	\$ 222.00
• 12 Months	BP6A1	211.00
• 24 Months	BP6A2	200.00
• 36 Months	BP6A3	189.00
• 60 Months	BP6A5	178.00
b. 10 Bandwidth, Per 10/100/1,000 Mbps Port		
• Monthly	BP6BX	233.00
• 12 Months	BP6B1	221.00
• 24 Months	BP6B2	210.00
• 36 Months	BP6B3	198.00
• 60 Months	BP6B5	186.00
c. 20 Bandwidth, Per 10/100/1,000 Mbps Port		
• Monthly	BP6CX	253.00
• 12 Months	BP6C1	240.00
• 24 Months	BP6C2	228.00
• 36 Months	BP6C3	215.00
• 60 Months	BP6C5	202.00

(N)

(N)

(M) Certain material previously found on this page can now be found on Page 8-452.12.7.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

**B.3. EwET MOE Bandwidth Profile for 10/100 Mbps Ports (Cont'd)**

	<b>USOC</b>	<b>MONTHLY RATE</b>	
d. 30 Bandwidth, Per 10/100/1,000 Mbps Port			(N)
• Monthly	BP6DX	\$274.00	
• 12 Months	BP6D1	260.00	
• 24 Months	BP6D2	247.00	
• 36 Months	BP6D3	233.00	
• 60 Months	BP6D5	219.00	
e. 40 Bandwidth, Per 10/100/1,000 Mbps Port			
• Monthly	BP6EX	294.00	
• 12 Months	BP6E1	279.00	
• 24 Months	BP6E2	265.00	
• 36 Months	BP6E3	250.00	
• 60 Months	BP6E5	235.00	(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES (Cont'd)**

C. EwET Customer Interface

	<b>USOC</b>	<b>MONTHLY RATE</b>
• Monthly	EOPCX	\$120.00
• 12 Months	EOPC1	114.00
• 24 Months	EOPC2	108.00
• 36 Months	EOPC3	102.00
• 60 Months	EOPC5	96.00

D. Central Office Connecting Channel  
(COCC)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
• Monthly	COCCX	\$30.00	\$10.00

(N)

(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES (Cont'd)**

E. Optional Features			(T)(M)
1. Ethernet Virtual Circuit (EVC)			(T)
	<b>USOC</b>	<b>MONTHLY RATE</b>	
• Monthly: per EVC	MEOVL	\$50.00	
2. Quality of Service			(T)
a. Per 5 Mbps of Priority 1 Traffic; per EVC			(T)
• Monthly	MEO1M	65.00	
• 12 Months	MEO11	55.00	
• 24 Months	MEO12	50.00	
• 36 Months	MEO13	40.00	
• 60 Months	MEO15	35.00	
When the initial order is placed for Quality of Service, a Nonrecurring Charge (NRC) per Template will not apply. However, an NRC will apply any time an existing template is changed.			
	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	
b. Per Change to an Existing Template;			(T)
• per Template	NHCE9	\$175.00	(M)

(M) Certain material on this page formerly appeared on Page 8-452.12.2.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.8 METRO OPTICAL ETHERNET (MOE)**

**8.8.4 RATES AND CHARGES**

E. Optional Features(Cont'd)

3. Protect Routing

	USOC	MONTHLY RATE	(T)
a. Per 10/100 Mbps, MOE Port			(T)(M)
• Monthly	PO41M	\$1,200.00	(T)
• 12 Months	PO411	1,100.00	
• 24 Months	PO412	1,050.00	
• 36 Months	PO413	950.00	
• 60 Months	PO415	900.00	
b. Per 1,000 Mbps, MOE Port			(T)
• Monthly	PO42M	1,500.00	(M)
• 12 Months	PO421	1,400.00	
• 24 Months	PO422	1,350.00	
• 36 Months	PO423	1,250.00	
• 60 Months	PO425	1,200.00	

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

(N)

General

The services, offerings, and regulations specified in this Section are Grandfathered. Existing customers may keep the service until the expiration of the term plan that originated prior to the Grandfather date, or until the end date of the offering. Dates are specified as appropriate.

(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES (Cont'd)**

(N)

**8.99.1 LOCAL AREA NETWORK SWITCHING SERVICE**

**A. General**

The services, offerings, and regulations specified in this Section are Grandfathered as of November 11, 2003, unless otherwise indicated.

**B. Service Limitations (Unless otherwise indicated)**

- Existing Service and Locations
  - May retain service as it is
  - May renew Fixed Period Service Rate Plans for 12, 36 or 60 months, stay Monthly, move to Monthly, or move from Monthly to any Fixed Period Service Rate Plan
  - May upgrade to a higher speeds LAN Link(s) or go from an unprotected to a protected LAN Link
  - May elect to migrate to the LAN Switching Service (LSS) found in Section 8.6, preceding, and the nonrecurring charges and TLA will be waived
- New Service and Locations
  - New Service must be ordered out of Section 8.6, preceding
  - New locations added to existing service must be ordered out of Section 8.6 and set up on separate Term Plan

(N)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.1 LOCAL AREA NETWORK SWITCHING SERVICE (Cont'd)**

**B. Rates and Charges**

**1. LAN Links**

	<b>USOC</b>	<b>MONTHLY RATE</b>
a. Ethernet, 10 Mbps, without protection, per LAN Link termination		
• Monthly	D5LCX	\$1,400.00
• 12 Months	DLUC1	1,330.00
• 36 Months	DLUC3	1,190.00
• 60 Months	DLUC5	1,120.00
b. Ethernet, 10 Mbps, with protection, per LAN Link termination		
• Monthly	D5LCP	1,700.00
• 12 Months	DPUC1	1,615.00
• 36 Months	DPUC3	1,445.00
• 60 Months	DPUC5	1,360.00
c. Fast Ethernet, 45 Mbps, without protection, per LAN Link termination		
• Monthly	D5L1X	\$1,800.00
• 12 Months	DLU11	1,710.00
• 36 Months	DLU13	1,530.00
• 60 Months	DLU15	1,440.00
d. Fast Ethernet, 45 Mbps, with protection, per LAN Link termination		
• Monthly	D5L1P	2,100.00
• 12 Months	DPU11	1,995.00
• 36 Months	DPU13	1,785.00
• 60 Months	DPU15	1,680.00

(M) Certain material on this page formerly appeared on Pages 8-434 and 8-435.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.1 LOCAL AREA NETWORK SWITCHING SERVICE**

B.1. (Cont'd)

(T)

	<b>USOC</b>	<b>MONTHLY RATE</b>
e. Fast Ethernet, 100 Mbps, without protection, per LAN Link termination		
• Monthly	D5L2X	\$2,800.00
• 12 Months	DLU21	2,660.00
• 36 Months	DLU23	2,380.00
• 60 Months	DLU25	2,240.00
f. Fast Ethernet, 100 Mbps, with protection, per LAN Link termination		
• Monthly	D5L2P	3,900.00
• 12 Months	DPU21	3,700.00
• 36 Months	DPU23	3,300.00
• 60 Months	DPU25	3,120.00
g. Token Ring, 16 Mbps, without protection, [1] per LAN Link termination		
• Monthly	D5LBX	1,400.00
• 12 Months	DLUB1	1,330.00
• 36 Months	DLUB3	1,190.00
• 60 Months	DLUB5	1,120.00
h. Token Ring, 16 Mbps, with protection, [1] per LAN Link termination		
• Monthly	D5LBP	1,700.00
• 12 Months	DPUB1	1,615.00
• 36 Months	DPUB3	1,445.00
• 60 Months	DPUB5	1,360.00

(M)

[1] Effective December 14, 2001, Token Ring, 16 Mbps will no longer be available to new customers or for renewal by existing customers.

(M)

(M) Certain material on this page formerly appeared on Pages 8-436 and 8-437.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.1 LOCAL AREA NETWORK SWITCHING SERVICE**

**B. Rates and Charges (Cont'd)**

**2. Remote LAN Links**

	<b>USOC</b>	<b>MONTHLY RATE</b>
a. Token Ring, 16 Mbps, [1] per Remote LAN Link termination		
• Monthly	RLUBM	\$1,700.00
• 12 Months	RLUB1	1,615.00
• 36 Months	RLUB3	1,445.00
• 60 Months	RLUB5	1,360.00

[1] Effective December 14, 2001, Token Ring, 16 Mbps will no longer be available to new customers or for renewal by existing customers.

(M) Certain material on this page formerly appeared on Page 8-438.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**  
**(Cont'd)**

(N)

**8.99.2 RESERVED FOR FUTURE USE**

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**  
**(Cont'd)**

(N)

**8.99.3 RESERVED FOR FUTURE USE**

(N)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES  
(Cont'd)**

**8.99.4 QWEST DSL SERVICE**

The services, offerings, regulations and rates specified in this Section are Grandfathered to new customers as of January 28, 2006. Customers of record as of January 27, 2006 may continue under the terms and conditions of this Tariff F.C.C. No. 1 until November 16, 2006, or later if used in relationship with a fixed period service rate plan that expires after November 16, 2006\*. Term plans that expire between January 28, 2006 and November 16, 2006 may continue on a month-to-month basis until November 16, 2006. \*NOTE: Customer initiated changes to their grandparented *QWEST DSL* Service, such as a change to a different DSL product, will result in the *QWEST DSL* Service being provided via a commercial agreement.

On November 16, 2006, customers on month-to-month service or whose term plans have expired on or before November 16, 2006, will need to enter into a commercial agreement if they choose to continue service with the Company.

TLA Waivers and exceptions to the above are as follows:

- Any *QWEST DSL* Service (excluding *QWEST DSL HOST* Service) that is on a fixed period service rate plan that expires on or after January 28, 2006 may migrate to any available Company replacement product and receive a waiver of the Termination Liability Charge (TLA) (C)
- *QWEST DSL HOST* Service that is on a fixed period service rate plan and expires on or after April 20, 2006, may disconnect service and receive a waiver of the Termination Liability Charge (TLA). (N)  
| (N)
- *QWEST DSL HOST* Service is not available to new subscribers under this Tariff F.C.C. No. 1 as of January 28, 2006, but customers of record as of January 27, 2006, may add bandwidth to their existing service.
- Customers with ATM Ports and ATM Optical Access Links (OAL) used 100% for *QWEST DSL HOST* Service may disconnect existing fixed period service rate plans on or after January 28, 2006 and receive a waiver of the Termination Liability Charge (TLA). (C)
- *QWEST DSL* Volume Plans are not available to new subscribers as of January 28, 2006, but customers of record as of January 27, 2006, may add end users to their existing service.



## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

#### **8.99.4 QWEST DSL SERVICE(Cont'd)**

##### **A. General**

(T-M)

*QWEST DSL* Service utilizes Asynchronous Transfer Mode (ATM) technology over dedicated transport facilities, Asymmetrical Digital Subscriber Line (ADSL) technology over a Company-provided metallic local loop at a single physical location and *QWEST DSL* ISDN Digital Subscriber Line Service (IDSL) technology over Company-provided 2-wire, private line facilities to provide customers with high speed data services. Qwest DSL Service is comprised of *QWEST DSL* Service, *QWEST DSL HOST* Service and *QWEST IDSL*.

(M)

*QWEST DSL* Service[1] utilizes customer-provided equipment, located at the customer's premises, and Company-provided equipment, at Company Central Offices. This equipment allows the Company to accept traffic from the customer and send it bi-directionally. *QWEST DSL* Service is available as one of the following:

- Standard DSL Service where the Company provides local exchange service and *QWEST DSL* Service on the same local loop. Standard DSL Service is comprised of *Qwest Choice DSL*, *Qwest DSL 640k*, *Qwest Choice DSL Deluxe*, *QWEST DSL PRO DELUXE*, *QWEST DSL PRO 640KBPS*, *QWEST DSL PRO 1 MBPS*, *QWEST DSL PRO 4 MBPS* and *QWEST DSL PRO 7 MBPS* or all Company offered speeds. or
- Stand Alone *QWEST DSL* Service where the Company provides *QWEST DSL* Service over the local loop. Stand Alone *QWEST DSL* Service is available as part of the *QWEST DSL* Volume Plans.
- *Qwest DSL Premier* Service is available with both Standard *QWEST DSL* Service and Stand Alone *QWEST DSL* Service. *Qwest Choice DSL Premier* Service and Stand Alone *DSL Premier* Service are available for speeds up to 5 Mbps that will vary per customer based on the capability of the customer's line and other users on the network, and therefore a singular speed is not guaranteed.

[1] With the deployment of "Discrete Multitone" (DMT) technology April 4, 2001 and with the grandfathering *QWEST DSL SELECT* on June 14, 2001, "Carrierless Amplitude/Phase Modulation Protocol" (CAP) technology will no longer be offered as new service.

(M)

(M) Certain material found on this page formerly appeared on Page 8-288.

## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

#### **8.99.4 QWEST DSL SERVICE**

##### **A. General(Cont'd)**

(T-M)

Each *QWEST DSL* Service must be connected to a *QWEST DSL HOST* Service. The data connection from the *QWEST DSL* location to the *QWEST DSL HOST* location is a dedicated virtual point-to-point connection across a shared backbone network, ATM Service.

(M)

*QWEST IDSL* provides a data only, 2-wire, private line service with a bi-directional data transmission capacity of 128 kbps or 144 kbps. Each *QWEST IDSL* must be connected to a *QWEST DSL HOST* Service. The data connection from the *QWEST IDSL* location to the *QWEST DSL HOST* location is a dedicated virtual point-to-point connection across a shared backbone network, ATM Service.

*QWEST DSL HOST* Service aggregates multiple data streams into a single host site using peak transmission speeds of 1.544 Mbps, and 3 Mbps up to 45 Mbps, in 3 Mbps increments.

Technical Specifications for *QWEST DSL* Service are delineated in Qwest Corporation Technical Publications PUB 77392 and PUB 77399.

The offering of *QWEST DSL* Service contemplates the use of existing ADSL, IDSL and ATM facilities. There may be occasions where *QWEST DSL* Service is not available due to facility limitations or where it may be necessary to construct such facilities. If Special Construction is involved the regulations as set forth in Tariff F.C.C. No. 2 apply.

(M)

(M) Certain material on this page formerly appeared on Page 8-289.

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## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

#### **8.99.4 QWEST DSL SERVICE**

##### **A. General(Cont'd)**

(T-M)

During the Company's network maintenance and software update period, it may be necessary to temporarily place *QWEST DSL* Service central office equipment out of service. The Company also reserves the right to temporarily interrupt *QWEST DSL* Service at other times in emergency situations.

(M)

*QWEST DSL* Service is available in specific wire center locations where the Company has established ADSL, IDSL and ATM technology as specified in the National Exchange Carrier Association Tariff F.C.C. No. 4. Availability of ADSL or IDSL in a wire center does not guarantee customer access to any or all speeds.

The Company will qualify copper facilities to determine the suitability of such facilities for *QWEST DSL* Service. The Company will not provide *QWEST DSL* Service on copper facilities that are unsuitable for the Service. Nor will the Company provide *QWEST DSL* Service if it determines that such provision will produce interference to other services.

*QWEST DSL* Service and *QWEST IDSL* Service will be provided subject to the availability and limitations of Company wire centers and outside plant facilities.

The customer is responsible for providing and installing all compatible customer provided equipment (CPE). Compatibility requirements are delineated in Qwest Corporation Technical Publication PUB 77392 and 77399. The modem must support customer-selected services.

(M)

(M) Certain material on this page formerly appeared on Page 8-290.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE(Cont'd)**

B. Service Elements

1. *QWEST DSL* Service Dedicated Connection

*QWEST DSL* Service Dedicated Connection provides a communications path between the CO modem and the modem provided by the customer at the customer's premises using ADSL technology.

(M)  
|  
(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

B.1.(Cont'd)

(M)

Customers who purchase *QWEST DSL* Service will receive DMT protocol. All *CAP QWEST DSL* Services are grandfathered as of April 4, 2001, except *CAP QWEST DSL SELECT* which is grandfathered as of June 14, 2001. Customers who purchased *QWEST DSL* Service with CAP protocol prior to the respective grandfather dates will retain this service. CAP protocol is not capable of providing the precise service speeds as defined below for DMT protocol.

DMT *QWEST DSL* is available in the following categories: *Qwest Choice DSL*, *Qwest DSL 640k*, *Qwest Choice DSL Deluxe*, *Qwest Choice DSL Premier*, *QWEST DSL PRO* (Professional), Stand Alone *Qwest DSL* and Stand Alone *Qwest DSL Premier*. *QWEST DSL PRO* is available from 256 kbps up to 7 Mbps (Down Stream) and includes Installation and Service Guarantees as set forth in C., following.

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(T-M)

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DMT RATE ELEMENTS	DOWN STREAM CONNECTION SPEED	UP STREAM CONNECTON SPEED TYPE[1]	
<i>Qwest Choice DSL</i>	256 kbps	128 kbps up to 256 kbps	Dedicated
<i>Qwest DSL 640k</i>	256 up to 640 kbps	128 kbps up to 256 kbps	Dedicated
<i>Qwest Choice DSL Deluxe</i>	up to 1.5 Mbps	128 kbps up to 1 Mbps	Dedicated
<i>Qwest Choice DSL Premier:</i>	up to 5 Mbps	128 kbps up to 896 kbps	Dedicated
<i>QWEST DSL PRO DELUXE</i>	256 up to 640 kbps	128 kbps up to 256 kbps	Dedicated
<i>QWEST DSL PRO 640 KBPS</i>	640 kbps	128 kbps up to 640 kbps	Dedicated
<i>QWEST DSL PRO 1 MBPS</i>	1.024 Mbps	128 kbps up to 1.024 Mbps	Dedicated
<i>QWEST DSL PRO 4 MBPS</i>	4.0 Mbps	128 kbps up to 1.024 Mbps	Dedicated
<i>QWEST DSL PRO 7 MBPS</i>	7.0 Mbps	128 kbps up to 1.024 Mbps	Dedicated

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[1] Upstream speeds will be set to allow the maximum speed within the range. Actual connection speed may be limited by the physical condition of the customer's line.

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(M) Certain material on this page formerly appeared on Page 8-292.

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

B.1. (Cont'd)

<b>DMT RATE ELEMENTS</b>	<b>DOWN STREAM CONNECTION SPEED</b>	<b>UP STREAM CONNECTION SPEED TYPE[1]</b>
Stand Alone <i>Qwest DSL</i>	up to 1.5 Mbps	128 kbps up to 1 Mbps Dedicated
Stand Alone <i>Qwest DSL Premier:</i>	up to 5 Mbps	128 kbps up to 896 kbps Dedicated

[1] Upstream speeds will be set to allow the maximum speed within the range. Actual connection speed may be limited by the physical condition of the customer's line.

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#### 8.99.4 QWEST DSL SERVICE

B.1.(Cont'd)

(M)

CAP *Qwest DSL 640k* and CAP *QWEST DSL PRO* are grandfathered service categories as of April 4, 2001, and CAP *QWEST DSL SELECT* [1] is grandfathered as of June 14, 2001. Existing customers of CAP *QWEST DSL* Services will be able to change the destination of their service, however any other changes, including speed changes, will require the customer to migrate to DMT *QWEST DSL* or completely disconnect service. CAP *QWEST DSL PRO* for existing customers includes Service Guarantees as set forth in C., following.

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(T-M)

CAP RATE ELEMENTS	DOWN STREAM CONNECTION SPEED	UP STREAM CONNECTON SPEED	TYPE
<i>QWEST DSL SELECT</i>	256 up to 640 kbps	272	Per Session
<i>Qwest DSL 640k</i>	256 up to 640 kbps	272	Dedicated
<i>QWEST DSL PRO DELUXE</i>	256 up to 640 kbps	272	Dedicated
<i>QWEST DSL PRO 640 KBPS</i>	640 kbps	544	Dedicated
<i>QWEST DSL PRO 960 KBPS</i>	960 kbps	816	Dedicated
<i>QWEST DSL PRO 1.2 MBPS</i>	1.280 Mbps	1088	Dedicated
<i>QWEST DSL PRO 4 MBPS</i>	4.480 Mbps	1088	Dedicated
<i>QWEST DSL PRO 7 MBPS</i>	7.168 Mbps	1088	Dedicated

(M)

CAP *QWEST DSL Services* are provided as either dedicated or per session connections. Dedicated connections provide a modem devoted specifically to the customer while per session connections utilize pooled modems, both services while connected offer equivalent performance.

*QWEST DSL SELECT* is a per session connection. Per session connection customers must vie for a modem in the pool and the potential for a busy state exists. The Company will limit each session connect time, but will ensure a session of no less than one hour but no more than four hours, with all customers having the same maximum session time. The Company will not change the maximum session time more than once a month. A per session connection customer can expect to establish a connection within one to two hours of the initial attempt.

- [1] *QWEST DSL SELECT* is provisioned independent of DMT capacity and cannot use Dedicated DMT-based capacity. In the event an order for *QWEST DSL SELECT* Service is delayed for Company reasons, the customer will have the option of subscribing to a new DMT dedicated service and receiving a onetime credit of \$30. The \$30 credit will only be available if the *QWEST DSL SELECT* is delayed for Company reasons and the order is placed on or before June 13, 2001. This offer may be combined with other *DSL* Promotion.

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## **8. ADVANCED COMMUNICATIONS NETWORKS**

### **8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

#### **8.99.4 QWEST DSL SERVICE**

##### **B. Service Elements(Cont'd)**

##### **2. QWEST DSL HOST Service**

##### **a. QWEST DSL HOST Ports (BSE)[1]**

The *QWEST DSL HOST* Port is a Port on an ATM switch at the serving wire center or *QWEST DSL HOST* Service Point. This element applies in conjunction with the 1.544 Mbps, IMA Ports (3, 4.6, 6.1, 7.7, 9.2, 10.7 & 12.3 Mbps) or 44.736 Mbps Private Line Transport *QWEST DSL HOST* Access Link, and the 44.736 Mbps, 155.52 Mbps or 622 Mbps ATM Optical Access Link.

The types of Ports which may be used with *QWEST DSL HOST* Service are:

- 10BaseT Interface

A 10BaseT interface connects a customer's *QWEST DSL HOST* (hub) location to a *QWEST DSL HOST* Services Access Link. 10BaseT interfaces are available with peak Port speeds of 1.544 Mbps, 3 Mbps, 6 Mbps, or 9 Mbps.

- 100BaseT Interface

A 100BaseT interface connects a customer's *QWEST DSL HOST* (hub) location to a *QWEST DSL HOST* Services Access Link. 100BaseT interfaces are available with peak port speeds of 3 Mbps to 44.736 Mbps, in 3 Mbps increments.

[1] A 44.736 Mbps, 155.52 Mbps or 622 Mbps ATM Port may be used by customers with existing ATM Service for a *QWEST DSL HOST* Port.

(M) Certain material on this page formerly appeared on Page 8-293.



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#### **8.99.4 QWEST DSL SERVICE**

B.2.a.[1](Cont'd)

- 1.544 Mbps *QWEST DSL HOST* Port
- IMA Ports[1]
  - 3 Mbps
  - 4.6 Mbps
  - 6.1 Mbps
  - 7.7 Mbps
  - 9.2 Mbps
  - 10.7 Mbps
  - 12.3 Mbps
- 44.736 Mbps *QWEST DSL HOST* Port. This port is capable of terminating *QWEST DSL HOST* Access Links with a bandwidth of 3 Mbps up through 44.736 Mbps, in 3 Mbps increments. [2]
  - A 44.736 Mbps ATM Port [1,2]
  - 155.52 Mbps ATM Port [1,2]
  - 622 Mbps ATM Port [1,2]

[1] An ATM IMA Port, ATM 44.736 Mbps Port, ATM 155.52 Mbps Port or ATM 622 Mbps Port may be used by customers with existing ATM Service for a *QWEST DSL HOST* Port.

[2] A minimum of one 3 Mbps bandwidth increment applies for each 44.736 Mbps *QWEST DSL HOST* Port, and for each 44.736 Mbps, 155.52 Mbps or 622 ATM Port used for *QWEST DSL HOST* Port.

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#### **8.99.4 QWEST DSL SERVICE**

B.2.(Cont'd)

b. *QWEST DSL HOST* Access Links

*QWEST DSL HOST* Access Links are a physical transport facility that transmits data from the customer site to a *QWEST DSL HOST* Service Point within the ATM Network. *QWEST DSL HOST* Access Links can be comprised of ATM Optical Access Links or Private Line Transport Services. If the serving wire center of the *QWEST DSL HOST* customer location is a *QWEST DSL HOST* Service Point, then Private Line Transport Mileage does not apply. Private Line Transport Services Mileage applies if the serving wire center of the *QWEST DSL HOST* customer location is not a *QWEST DSL HOST* Service Point. If the *QWEST DSL HOST* Access Link is a Meet Point arrangement the Transport Mileage will be calculated to the actual ATM switch location.

The types of *QWEST DSL HOST* Access Links are following:

- A 1.544 Mbps, Clear Channel DS1 Private Line Transport Services Channel Termination, as set forth in Section 7, preceding.
- A 44.736 Mbps DS3 Private Line Transport Services Channel Termination, as set forth in Section 7, preceding.
- A 44.736 Mbps, 155.52 Mbps or 622 Mbps ATM Optical Access Link (OAL).

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**8.99.4 QWEST DSL SERVICE**

B.2.(Cont'd)

c. Central Office Connecting Channel (COCC)

A COCC provides the ongoing interconnection from the *QWEST DSL HOST* Port to a DS1 or DS3 Service Channel Termination or from the multiplexer or other Company facility port to an ATM Service port when a customer accesses ATM Service via a *QWEST DSL HOST* Port.

d. Service Points

Service Points are geographic locations designated by the Company where the *QWEST DSL HOST* Port can be accessed. The *QWEST DSL HOST* Port utilizes the ATM Service Points, which are listed in the National Exchange Carrier Association Tariff F.C.C. No. 4.

e. Bandwidth

Bandwidth transports *QWEST DSL HOST* data transmission through the ATM Network, at rates from 3 Mbps to 44.736 Mbps, in 3 Mbps increments. A minimum of one 3 Mbps increment of *QWEST DSL HOST* bandwidth is required for each IMA *QWEST DSL HOST* Port, 44.736 Mbps *QWEST DSL HOST* Port or for each 44.736 Mbps ATM Port, 155.52 Mbps ATM Port or 622 Mbps ATM Port used as a *QWEST DSL HOST* Port.

*QWEST DSL HOST* Service can terminate/aggregate both DMT and CAP protocol based *QWEST DSL*, ADSL, traffic.

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**8.99.4 QWEST DSL SERVICE**

**B. Service Elements(Cont'd)**

**3. QWEST IDSL**

**a. Channel Termination**

The Channel Termination provides for a data only, 2-wire, private line path between the Customer designated premises and the serving wire center of that premises. Included as a part of the Channel Termination is a standard interface arrangement which defines the technical characteristics associated with the type of facilities to which the access service is to be connected at the Point of Termination (POT) and the type of signaling capability. One Channel Termination charge applies at the serving wire center of the Customer's designated premises where the channel terminates.

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**8.99.4 QWEST DSL SERVICE(Cont'd)**

- C. Regulations (T)
1. Obligations of the Customer (T-M)
- a. When a customer orders *QWEST DSL* Service, the customer must provide compatible customer premises equipment (CPE). In addition, the customer must specify the Company-provided local exchange Telecommunications Number (TN) or service address to be used. A Telecommunications Number is not required with Stand Alone *Qwest DSL*. (T-M)  
(M)
- b. When a customer orders *QWEST DSL HOST* Service, the customer must provide the necessary information (e.g., Data Link Connection Identifier(s), and/or Internet Protocol) to provision *QWEST DSL HOST* Service using Company ATM Service. (T-M)  
(M)
- c. The customer may request a design change to the service ordered. A design change is any change which requires engineering review. Design changes do not include a change of customer premises, end user premises or *QWEST DSL HOST* Access Link speeds. Changes of this nature will require the issuance of a new order and a cancellation of the original order. Cancellation charges are set forth in 5.2.3, preceding. Changes in *QWEST DSL* Service and *QWEST IDSL* which result in the service(s) pointing to a different *QWEST DSL HOST* Access Link are design changes and subject to the Design Change charge as set forth in 5.2.2, preceding. Changes requested on the Plant Test Date (PTD) or later will require the issuance of a new order. (T-M)  
(M)
- d. Changes in *QWEST DSL* Service and *QWEST IDSL* Service speeds will result in a Speed Change Charge as set forth in F., following. (T-M)  
(T-M)

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**8.99.4 QWEST DSL SERVICE**

C. Regulations(Cont'd)

(T-M)

2. Termination of *QWEST DSL HOST* Destination

(T-M)

In the event the Company-provided metallic local loop over which the *QWEST DSL* Service is being terminated or is exiting the business, the Company reserves the right to contact the affected subscribers with an assigned replacement *QWEST DSL HOST* to ensure uninterrupted service.

(M)

Should the Company become aware that a *QWEST DSL HOST* location is no longer providing host service to its end users, or if a *QWEST DSL HOST* notifies Qwest of its intent to exit the marketplace, the Company will waive the Speed/Destination Channel Change Charge for impacted end users who select a new *QWEST DSL HOST* Destination. The waiver is good for one change charge per billed *QWEST DSL* Service.

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**8.99.4 QWEST DSL SERVICE**

C. Regulations(Cont'd) (T-M)

3. Installation Guarantee *QWEST DSL PRO* (T-M)

In the event network difficulties develop during the installation of *QWEST DSL PRO* offerings, the Company guarantees resolution within five business days. Inability to resolve the problem within five business days will afford the customer a credit for one month of recurring charges. The credit will appear on the customer's next month's bill. (M)

4. Service Guarantee *QWEST DSL PRO* (T-M)

a. Satisfaction Assurance (T-M)

The Company is committed to providing the customer with a satisfactory experience when subscribing to the *QWEST DSL PRO* offerings. If the customer cancels service within 30 days after installation due to dissatisfaction, the Company will refund any recurring and nonrecurring charges accrued and waive Termination Liability. (M)

b. Service Assurance (T-M)

In the event the *QWEST DSL PRO* offerings are out of service 3 times in a 30 day period and the trouble is found to be in the customer's line, the customer may request to cancel service without having to pay any Termination Liability. This Service Assurance is not inclusive of service issues associated with the customer's modem or Internet Service Provider. (M)

c. Line Connect Speed Assurance (T-M)

*QWEST DSL PRO* offerings are designed to deliver the line speed ordered by the subscriber. However, if the *QWEST DSL PRO* line connection speed cannot be maintained to the customer's satisfaction, the Company will at the customer's request, change the customer's speed to a lower speed without assessing the Speed/Destination Channel Change Charge. (M)

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**8.99.4 QWEST DSL SERVICE(Cont'd)**

D. Rate Elements

(T-M)

1. QWEST DSL Service Charge

(T-M)

A nonrecurring charge and a monthly rate apply per termination. If a customer requests a different ADSL speed and/or a change in their designated *QWEST DSL HOST* location, a change charge for Speed/Destination Channel Change applies per order. If a customer changes from a dedicated connection to a per session connection or vice versa, a change charge for Change from Dedicated to Per Session Connection applies.

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When a change in speed or destination channel is requested at the same time as a change from a dedicated to a shared connection, or vice versa, only the higher of the *QWEST DSL* Change Charges applies.

(M)

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**8.99.4 QWEST DSL SERVICE**

D. Rate Elements(Cont'd)

2. *QWEST DSL HOST* Service

a. Port (BSE)

A nonrecurring charge and monthly rate apply for each 1.5 Mbps *QWEST DSL HOST* Port. For a 44.736 Mbps *QWEST DSL HOST* Port, a nonrecurring charge and monthly rate apply for the initial Port and an additional recurring rate applies for each bandwidth increment of 3 Mbps.

b. Access Link

The rates and charges for other Company-provided services used as access links for *QWEST DSL HOST* Service are in addition to the rates and charges for the *QWEST DSL HOST* Port. A DS1 Service and/or DS3 Service channel termination may be purchased by the customer, as set forth in Private Line Transport Services Section 7 and/or 17. ATM Optical Access Links may be purchased by the customer at either 44.736 Mbps or 155 Mbps with up to 4 Host names associated with a single link, as set forth in 8.5.1.

c. Port Change Charge

A nonrecurring charge applies each time a customer changes bandwidth on a *QWEST DSL HOST* or ATM Port, subsequent to the initial installation, e.g., for a change from 3 Mbps to 9 Mbps, one change charge applies. A nonrecurring charge also applies when adding or changing *QWEST DSL HOST* bandwidth increments to an existing 44.736 Mbps or 155.52 Mbps ATM Port.

An upgrade of port speeds 1.544 Mbps, IMA port speeds, 44.736 Mbps, or 155.52 Mbps requires a change of Access Link as well and will be considered a discontinuance of one service and establishment of new service.

Downgrades in port speeds 1.544 Mbps, IMA port speeds, 44.736 Mbps, or 155.52 Mbps requires a change of Access Link as well and will be considered a discontinuance of one service and establishment of new service. In addition Termination Liability and Waiver Policy will be applicable for downgrades.

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**8.99.4 QWEST DSL SERVICE**

D.2.(Cont'd)

(T-M)

d. Central Office Connecting Channel (COCC)

(T-M)

One Central Office Connecting Channel nonrecurring charge and monthly rate applies per connection. The rates and charges for a DS1 Service and DS3 Service COCC are set forth in Section 7 and/or 17.

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e. Bandwidth

(T-M)

A monthly rate applies for each 3 Mbps increment of Bandwidth, up through 45 Mbps. A minimum of one 3 Mbps increment of Bandwidth applies for each 45 Mbps *QWEST DSL HOST* Port.

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**8.99.4 QWEST DSL SERVICE(Cont'd)**

**E. Pricing Plans**

(T-M)

**1. Pricing Plan Terms and Conditions**

- a. *QWEST DSL* Service may be ordered on a month-to-month or on a Fixed Period Service Rate Plan for 12, 36 or 60 months at the rates set forth in 8.99.4, following. Exception: as of August 7, 2001, *QWEST DSL* 640k will no longer offer Fixed Period Service Rate Plans for 12, 36, or 60 months to new customers or for renewal once existing plans reach termination. The Minimum Period for *QWEST DSL* Service Fixed Period Service Rate Plans is 12 months.

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- b. *QWEST DSL* Volume Plan provides discounted monthly rates for selected *QWEST DSL* speeds as set forth in F. and G., following, if they agree to the conditions of the Starter Option, the Basic Discount Option or one of the Volume Commitment Options.

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- The Starter Option is for the customer who commits to having a minimum of 2,500 active and billable *QWEST DSL* lines by the end of their initial 12 month period. The initial 12 month period will start on the date the customer has the first *QWEST DSL* line installed.

- The Basic Discount Option is for the customer who commits to having a minimum of 15,000 active and billable *QWEST DSL* lines by the end of their initial 12 month period. The initial 12 month period will start on the date the customer has the first *QWEST DSL* line installed.

The nonrecurring charge associated with all Basic Discount Option *QWEST DSL* lines will be waived when the service is connected. However, for each *QWEST DSL* line that disconnects without being in service for at least 12 months, a nonrecurring charge will be assessed as set forth in F., following.

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- The Volume Commitment Option I plan allows the customer to choose the number of *QWEST DSL* lines they will acquire over the 36 month Fixed Period Service Rate Plan with a subscription range of 60,001 lines to 400,000 lines.

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**8.99.4 QWEST DSL SERVICE**

**E.1.b.Pricing Plans(Cont'd)**

(T-M)

- The Volume Commitment Option II plan allows the customer to choose a 5-year Fixed Period Service Rate Plan with a minimum commitment of 150,000 subscription lines by the end of the first year and a minimum 200,001 subscription lines as of the end of the third, fourth and fifth year periods. If the Company has billed the customer for 4 million months of service by the end of the third year, the customer will be considered to have met all commitment levels. The months of service are calculated as follows:
  - Number of DSL lines times the number of months the services are active and billing, equals months of service.
  - Example: 25,000 DSL lines per month times 12 months equals 300,000 months of service during a year.
- The Volume Commitment Option III plan allows the customer to choose the number of *QWEST DSL* lines they will acquire over the 60-month Fixed Period Service Rate Plan with a subscription range of 120,000 lines to 500,000 lines.

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**8.99.4 QWEST DSL SERVICE**

**E.1.b.Pricing Plans(Cont'd)**

(T-M)

- Volume Commitment Option IV provides existing *QWEST DSL* Volume Plan customer(s) or former *QWEST DSL* Volume Plan customer(s) with a minimum of 5,000 DSL subscribers discounted rates and a maximum period of time to terminate *QWEST DSL* Service. Customers who choose Option IV prior to the expiration of their existing Volume Commitment Fixed Period Service Rate Plan will be subject to TLA and/or shortfall charges, as set forth in 8.1.5, preceding, which must be paid prior to activation of Option IV.

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Customers who choose Option IV will receive the applicable discount on the DSL monthly rates, as set forth in F. & G., following, during their participation in Option IV. The discount percentage shall be based on the number of active DSL ports in service when Option IV goes into effect, as set forth in H., following. The customer's participation in Option IV will terminate when the earlier of the following occurs:

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- The date that the customer disconnects the last DSL line that existed or was purchased under this option.
- The expiration of 24 months following the customer's written election to participate in Option IV. At the conclusion of Option IV, the customer's remaining active DSL lines will be billed the monthly rates, as set forth in F. & G., following.

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Section 8.99.4, preceding, provides other specific terms and conditions for the *QWEST DSL* Volume Plans.

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**8.99.4 QWEST DSL SERVICE**

**E.1.b.Pricing Plans(Cont'd)**

(T-M)

Volume discounts for the Starter Option, the Basic Discount Option and Volume Commitment Options I, II, III and IV are applicable to monthly rates only. The discounts are applied to the monthly rates for selected *QWEST DSL* speeds as set forth in F. and G., following. Nonrecurring charges will not be discounted for Volume Commitment Option I and nonrecurring charges for Volume Commitment Option II will not apply. The Starter Option, Basic Discount Option and Volume Commitment Option I are available on a 36 month Fixed Period Rate Plan, Volume Commitment Options II and III are available on a 60 month Fixed Period Service Rate and Volume Commitment Option IV is available for 24 months or less, as set forth above.

(M)

(M)

(T-M)

(M)

- Obligations of customers who subscribe to *QWEST DSL* Volume Plans:
  - Must establish *QWEST DSL HOST* Service in all LATAs where the customer subscribes to *QWEST DSL* Service. This may be satisfied by purchasing *QWEST DSL HOST* Service or by utilizing *QWEST DSL HOST* Service purchased by another customer.
  - Must submit orders to the Company electronically in a format and manner designated by the Company
  - Must provide customer premises equipment to its end users
  - Must deal directly with its end users and be solely liable with respect to all matters relating to the service, including marketing, ordering, technical support, billing and collections
  - Must direct end users not to contact the Company regarding any aspect of the service
  - Must communicate an end user's request to disconnect *QWEST DSL* Service to the Company within two business days of end user's notification to the customer purchasing under any *QWEST DSL* Volume Plan
- The telecommunications services offered under the *QWEST DSL* Volume Plan are provided at wholesale to carriers and non-carriers. The telecommunications services offered under the *QWEST DSL* Volume Plan are not services that the Company provides at retail, and, accordingly, are not subject to the rate provisions of Sections 251 (c) (4) and 252 (d) (3) of the Communications Act, 47 U.S.C. §§ 251 (c) (4), 252 (d) (3).

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

**E.1.Pricing Plans(Cont'd)**

- |  |                                   |
|--|-----------------------------------|
|  | (T-M)                             |
| c. <i>QWEST DSL HOST</i> Service and <i>QWEST IDSL</i> must be initially ordered under a Fixed Period Service Rate Plan. At the end of the initial service period, the service may be obtained on a month-to-month basis or any of the specified fixed period service rate periods. The customer may order a Fixed Period Service Rate Plan for 12, 36 or 60 months at the rates set forth in 8.99.4, following. | (T-M)<br>(M)<br> <br>(M)<br>(T-M) |
| d. Monthly rates for the entire fixed period will be stabilized from Company-initiated increases, at the rates in effect for the fixed period on the service date. The customer must specify the length of the fixed period at the time the service is ordered. The minimum service period for a <i>QWEST DSL</i> , <i>QWEST IDSL</i> or <i>QWEST DSL HOST</i> fixed period service rate plan is 12 months.      | (T-M)<br>(M)<br> <br>(M)          |
| e. <i>QWEST DSL HOST</i> Service rate elements may be ordered under any optional rate plan. For example, the customer may order the Access Link under the 36-month fixed period service rate plan and the <i>QWEST DSL HOST</i> Port under the 60-month fixed period service rate plan.  | (T-M)<br>(M)<br> <br>(M)          |
| f. When a customer with ISDN or <i>QWEST IDSL</i> Service migrates to a <i>QWEST DSL</i> Service at the same address of record a nonrecurring charge will not apply. In addition, TLA will be waived if a <i>QWEST IDSL</i> customer migrates to <i>QWEST DSL</i> at the same address of record.   | (T-M)<br>(M)<br> <br>(M)          |
| g. Fixed Period Rate Plans established on or before August 31, 1998, will automatically receive a rate decrease if the Company decreases rates during the term of the plan. Effective September 1, 1998, customers establishing a Fixed Period Rate Plan, will not receive a rate decrease if the Company decreases rates during the term of the plan.   | (T-M)<br>(M)<br> <br>(M)          |

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**8.99.4 QWEST DSL SERVICE**

**E.1.Pricing Plans(Cont'd)**

- |   |                          |
|---|--------------------------|
|   | (T-M)                    |
| h. For Volume Commitment Option I at the end of the fixed period, the customer may select a new fixed period, convert to monthly rates (month-to-month) or terminate the service. The rates will be those in effect at the time the new fixed period begins. Should the customer not make a choice by the end of a fixed period, the service will automatically revert to the effective monthly (month-to-month) rates. If service is continued, nonrecurring charges will not apply. | (T-M)<br>(M)<br> <br>(M) |
| i. For Volume Commitment Option II upon mutual agreement at least 6 months prior to the expiration of the Initial Term, the plan may be renewed for one additional 12-month term with the same terms and conditions.  | (T-M)<br>(M)<br>(M)      |
| j. For Volume Commitment Option III at least 30 days notice prior to the expiration of the Initial Term, the plan may be renewed for three additional 12-month terms with the same terms and conditions.  | (T-M)<br>(M)<br>(M)      |

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**8.99.4 QWEST DSL SERVICE**

**E. Pricing Plans(Cont'd)**

(T-M)

**2. Changes to Rate Plans**

(T-M)

Services rated under the month-to-month plan or an existing fixed period service rate plan may be upgraded to a fixed period service rate plan at any time the customer chooses without incurring nonrecurring charges or Termination Liability. This upgrade will be allowed provided the channel interface and the customer-designated premises remain the same. Additionally, the new fixed period service rate plan must meet or exceed the fixed period service rate plan being upgraded.

(M)

The monthly rates will be those in effect at the time the new fixed period begins. New minimum service periods apply to upgrades in rate plans.

If a customer chooses to change an existing service provided under a fixed period service rate plan to month-to-month billing, the change will be treated as a discontinuance of the existing service and an establishment of new service. Termination Liability, as set forth in 8.1.5, and a new minimum period will apply in addition to the new monthly rates for the service.

(M)

**3. Termination Liability and Waiver Policy**

(T-M)

If the customer chooses to discontinue all or a portion of the service prior to the expiration of the fixed period service, Termination Liability and Waiver Policy, as set forth in 8.1.5, will apply.

(M)

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**8.99.4 QWEST DSL SERVICE**

**E. Pricing Plans(Cont'd)**

(T-M)

**4. Termination Liability**

(T-M)

Customers with Pricing Plans in service prior to August 12, 1997, will retain a Termination Liability of 15% and the minimum billing level requirement of 80% of the total monthly rates for the service, until the expiration of their existing fixed period.

(M)

If a customer chooses to discontinue the entire service or a portion of the service prior to the expiration of the fixed period service, termination charges apply (unless the customer satisfies the conditions specified in the Waiver Policy as set forth in 8.1.5.C., preceding).

(M)

(T-M)

The minimum billing level is used to calculate the termination charge. The minimum billing level for *QWEST DSL* Service (i.e., *QWEST DSL*, *QWEST IDSL* or *QWEST DSL HOST*), is 100% of the total monthly rates for the rate elements being discontinued. An exception for *QWEST IDSL* exists when this service is upgraded to *QWEST DSL* at the same address of record, the termination charge does not apply.

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

(T-M)

4. Termination Liability(Cont'd)

(T-M)

Should the customer choose to discontinue fixed period service prior to completion of the minimum service period, termination charges will apply. The termination charge is 100% of the minimum billing level for the remaining months of the minimum service period, plus 40% for *QWEST DSL* Service of the remaining portion of the fixed period service. Should the customer choose to discontinue fixed period service after the completion of the minimum period, termination charges equal to 40% for *QWEST DSL* Service of the minimum billing level for the remaining portion of the fixed period service will apply.

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

4. Termination Liability(Cont'd)

a. QWEST DSL Volume Plan

(1) Starter Option

The *QWEST DSL HOST* customer(s) who subscribe to the Starter Option must commit to acquiring a minimum of 2,500 active and billable *QWEST DSL* lines by the end of the 12th month of their 36 month Fixed Period Service Rate Plan. Starter Option Plans will be reviewed on a monthly basis, and the Starter customer will either receive or not receive a discount the following month based on that review. For example: in the month of January if the review shows the customer has 5,500 active and billable lines under the plan then the customer will receive a 4% discount on all billable *QWEST DSL* lines for the month of February, as set forth in H., following. If the customer does not have a minimum of 2,500 active and billable *QWEST DSL* lines by the end of the initial 12 month period, the Company may terminate the Plan.

In the event the Company terminates the Starter Option, any new orders for *QWEST DSL* Service lines placed by the customer will be charged the current month-to-month Tariff rates for the respective *QWEST DSL* Service requested. Following termination, the Company will bill 100% of the total accumulated discount credited to the customer plus a 10% surcharge.

(2) Basic Discount Option

The *QWEST DSL HOST* customer(s) must commit to acquiring a minimum of 15,000 active and billable *QWEST DSL* lines by the end of the 12th month of their 36 month Fixed Period Service Rate Plan. If the customer does not have a minimum of 15,000 active and billable *QWEST DSL* lines by the end of the initial 12 month period, the Company will terminate the Plan.

In the event the Company terminates the Basic Discount Option, any new orders for *QWEST DSL* Service lines placed by the customer will be charged the current month-to-month Tariff rates for the respective *QWEST DSL* Service requested. Following termination, the Company will bill 100% of the total accumulated discount credited to the customer plus a 10% surcharge.

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

4.a.Termination Liability(Cont'd)

(3) Volume Commitment Options

(a) Volume Commitment Option I

The *QWEST DSL HOST* customer(s) must commit to having a designated number, between 60,001 and 400,000 of active or billable *QWEST DSL* lines by the end of their 36 month Fixed Period Service Rate Plan. The customer must acquire at least 25% of the total committed lines by the end of the first 12 months, 60% of the total committed lines by the end of 24 months, and 100% of the committed lines by the end of their 36 month Fixed Period Service Rate Plan.

• Annual Verification

The Company will annually review the number of active or billable *QWEST DSL* lines to determine whether or not the customer has reached their commitment level for that respective year as determined above. If the customer fails to meet the committed number of active or billable lines, the Company will adjust their billing as follows:

• Shortfall Calculation

The customer will be billed 100% of the total accumulated discount credited plus a 10% surcharge for the year reviewed. The customer will be moved to the Basic Discount Option for the subsequent year at the appropriate percentage determined by the discount table as set forth in H., following. If the 15,000 line minimum level has not been met then the customer's bill will be adjusted as set forth in E., preceding.

Example: A customer has chosen the Volume Commitment Option and has committed to 100,000 lines over the 36 month Fixed Period Service Rate Plan, entitling the customer to a 14% discount on the active month-to-month *QWEST DSL* lines. The commitment would require the customer to have 25,000 active and billable lines at the end of 12 months, 60,000 active and billable lines at the end of 24 months and 100,000 lines active and billable at the end of the 36 month Fixed Period Service Rate Plan.

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**8.99.4 QWEST DSL SERVICE**

**E. Pricing Plans**

**4.a.(3)(a) Termination Liability(Cont'd)**

(T-M)

(T-M)

- The customer has 22,000 *Qwest DSL 640k* lines active and billable at the 12 month review. The customer has not reached the 25,000 line requirement, so they would be moved to the Basic Discount Option at a 12% discount for the subsequent year in lieu of the 14% discount associated with the 100,000 *QWEST DSL* Volume Commitment. The adjustment for month 12 would be calculated as follows:

(M)

14% of (22,000 lines X \$29.95 each = \$658,900) = \$92,246  
\$92,246 + \$9,225 (10% Surcharge) =  
\$101,471 for month 12

The above calculation would need to be applied to each of the previous 11 months and totaled with the 12th month to reach the annual adjustment.

- The customer has 27,000 *Qwest DSL 640k* lines active and billable at the 12 month review, but at the 24 month review has 57,000 active and billable lines. The first year would receive the 14% discount since the 25 % commitment level was reached. However, at the end of the 24 month review the customer would be moved to the Basic Discount Option at a 13% discount for the subsequent year in lieu of the 14 % discount associated with the 100,000 *QWEST DSL* Volume Commitment. The adjustment is only for the lines installed during the 2nd year and would be calculated as follows:

14% of (30,000 lines X \$29.95 each = \$898,500) = \$125,790  
\$125,790 + \$12,579 (10% Surcharge) =  
\$138,369 addition to the second year's billing

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

4.a.(3) Termination Liability(Cont'd)

(T-M)

(b) Volume Commitment Option II

(T-M)

The *QWEST DSL* Volume Plan customer(s) must commit to having a designated number of active or billable *QWEST DSL* lines comprised of *Qwest Choice DSL*, *QWEST DSL SELECT* and/or *Qwest DSL 640k* Services, as set forth below. This Volume Commitment Option II is only available on a 5-year Fixed Period Service Rate Plan. The customer must acquire a minimum of 150,000 active and billable *QWEST DSL* lines at any time during the first year of their 5-year Fixed Period Service Rate Plan. If the customer acquires the minimum of active and billable *QWEST DSL* lines at any time during the first year, there is no minimum requirement for the second year of the Fixed Period Service Rate Plan. The customer must acquire at least 200,001 active and billable *QWEST DSL* lines as of the end of the third, fourth and fifth years.

(M)

- Annual Verification

The Company will annually review the number of active or billable *QWEST DSL* lines to determine whether or not the customer has reached their commitment level for that respective year as determined above. If the customer fails to meet the committed number of active or billable lines, the Company will adjust their billing as follows:

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

4.a.(3)(b) Termination Liability(Cont'd)

(T-M)

(T-M)

- Shortfall Calculation

(M)

If the customer falls short of their yearly commitment level (150,000 lines by the end of the first year, 200,001 lines as of the end of the third, fourth and fifth years), the customer shall pay an amount equal to the difference between the customer's applicable DSL commitment level and the customer's actual DSL lines multiplied by the applicable monthly rate times 12.

Example: If the customer's active and billable actual DSL lines at the Annual Verification total 195,000, 5,001 short of the 200,001 commitment level, the Shortfall Calculation will be calculated as follows:

Commitment Level of 200,001 lines minus 195,000 (actual lines) = 5,001 line shortfall. Volume Commitment Option II rate (e.g., \$24.86, *Qwest DSL 640k* monthly rate, or the customer's *Qwest DSL 640k* Fixed Period Service Rate minus 17%). 5,001 (Line Shortfall) X \$24.86 X 12 = \$1,491,898.32 Shortfall charge.

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

4.a.(3) Termination Liability (Cont'd)

(T-M)

(c) Volume Commitment Option III

(T-M)

The *QWEST DSL* Volume Plan customer(s) must commit to having a designated number of active or billable *QWEST DSL* lines comprised of *Qwest DSL 640k* Service, as set forth below. This Volume Commitment Option III is only available on a 5-year Fixed Period Service Rate Plan. The customer must acquire a minimum of active and billable *QWEST DSL* lines as follows to be eligible for the Volume Commitment Option III:

(M)

- 120,000 lines by the end of 18 months
- 260,000 lines by the end of 30 months
- 400,000 lines by the end of 42 months
- 500,000 lines by the end of 54 months

• Annual Verification

The Company will annually review the number of active or billable *QWEST DSL* lines to determine whether or not the customer has reached their commitment level for that respective year as determined above. Should the customer not reach the commitment level, they shall have an additional 180 days to make up the shortfall. If the customer fails to meet the committed number of active or billable lines within the additional 180 days, the Company will adjust their billing as follows:

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**8.99.4 QWEST DSL SERVICE**

E. Pricing Plans

4.a.(3)(c) Termination Liability(Cont'd)

(T-M)

(T-M)

- Shortfall Calculation

(M)

If the customer falls short of their yearly commitment levels, the customer shall pay an amount equal to the difference between the customer's applicable DSL commitment level and the customer's actual DSL lines multiplied by the applicable monthly rate times 6. Any lines associated with a shortfall charges shall be recognized for future year(s) commitment levels.

Example: If the customer's active and billable actual DSL lines at the Annual Verification for 30 months, total 195,000, 65,000 short of the 260,000 commitment level, the Shortfall Calculation will be calculated as follows:

Commitment Level of 260,000 lines minus 195,000 (actual lines) = 65,000 line shortfall. Volume Commitment Option III rate (e.g., \$29.95 DSL monthly rate with 24.9% Discount = \$22.49). The formula is as follows: Volume Commitment Rate X 65,000 (Line Shortfall) X 6 = \$8,771,100 Shortfall charge.

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**8.99.4 QWEST DSL SERVICE**

F. Rates and Charges DMT

(T-M)

*QWEST DSL Service*

(T-M)

Fixed Period Service Rate Plans for 12, 36, and 60 months are grandfathered as set forth in 8.99, preceding, for *Qwest Choice DSL Deluxe*.

(M)

(T-M)

1. DMT *QWEST DSL* Service Charge,  
per termination

(M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE
a. DMT <i>Qwest Choice DSL</i> ,			
• Dedicated connection			
- Monthly	GRLSM	\$99.00	\$15.00
b. DMT <i>Qwest DSL 640k</i> ,			
• Dedicated connection			
- Monthly	GRLAM	99.00	28.00
- 12 Months	GRLA1	99.00	28.00
- 36 Months	GRLA3	99.00	29.95
- 60 Months	GRLA5	99.00	29.95

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**8.99.4 QWEST DSL SERVICE**

F. Rates and Charges DMT

1. DMT *QWEST DSL* Service Charge, (Cont'd)  
per termination

(T-M)  
(M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE
c. DMT <i>Qwest Choice DSL Deluxe</i> ,			
• Dedicated connection			
- Monthly	GRLZM	\$99.00	\$28.00
d. DMT <i>Qwest Choice DSL Premier</i> ,			
• Dedicated connection			
- Monthly	GRL5M	99.00	38.00
e. DMT <i>QWEST DSL PRO DELUXE</i> ,			
• Dedicated connection			
- Monthly	GRLGM	99.00	55.00
- 12 Months	GRLG1	99.00	55.00
- 36 Months	GRLG3	99.00	55.00
- 60 Months	GRLG5	99.00	55.00

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**8.99.4 QWEST DSL SERVICE**

F. Rates and Charges DMT

1. DMT *QWEST DSL* Service Charge, (Cont'd)  
per termination

(T-M)

(T-M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	(M)
f. DMT <i>QWEST DSL PRO 640 KBPS</i>				
• Dedicated connection				
- Monthly	GRLBM	\$99.00	\$66.00	
- 12 Months	GRLB1	99.00	64.00	
- 36 Months	GRLB3	99.00	62.00	
- 60 Months	GRLB5	99.00	60.00	
g. DMT <i>QWEST DSL PRO 1 MBPS</i>				
• Dedicated connection				
- Monthly	GRLDM	99.00	88.00	
- 12 Months	GRLD1	99.00	84.00	
- 36 Months	GRLD3	99.00	80.00	
- 60 Months	GRLD5	99.00	76.00	(M)

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**8.99.4 QWEST DSL SERVICE**

F. Rates and Charges DMT

1. DMT *QWEST DSL* Service Charge, (Cont'd)  
per termination

(T-M)

(T-M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	(M)
h. DMT <i>QWEST DSL PRO 4 MBPS</i>				
• Dedicated connection				
- Monthly	GRLEM	\$99.00	\$165.00	
- 12 Months	GRLE1	99.00	160.00	
- 36 Months	GRLE3	99.00	155.00	
- 60 Months	GRLE5	99.00	150.00	
i. DMT <i>QWEST DSL PRO 7 MBPS</i>				
• Dedicated connection				
- Monthly	GRLFM	99.00	275.00	
- 12 Months	GRLF1	99.00	269.00	
- 36 Months	GRLF3	99.00	263.00	
- 60 Months	GRLF5	99.00	257.00	(M)

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**8.99.4 QWEST DSL SERVICE**

F. Rates and Charges DMT(Cont'd)

(T-M)

2. DMT Stand Alone *Qwest DSL* Service Charge,  
per termination

(M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE
a. DMT Stand Alone <i>Qwest DSL</i> ,			
• Dedicated connection			
- Monthly	GRLZS	\$99.00	\$33.00
b. DMT Stand Alone <i>Qwest DSL Premier</i> ,			
• Dedicated connection			
- Monthly	GRL5S	99.00	43.00

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**8.99.4 QWEST DSL SERVICE**

F. Rates and Charges DMT(Cont'd)

(T-M)

	USOC	NONRECURRING CHARGE	(M)
3. DMT <i>QWEST DSL</i> Change Charge, per order			
• Speed/Destination Channel Change[1]	REAKM	\$9.99	

[1] The Speed/Destination Channel Change Charge will not apply for speed changes when upgrading speeds or changing within DMT *QWEST DSL PRO*.

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**8.99.4 QWEST DSL SERVICE**

G. Rates and Charges CAP[1]

(T-M)

1. CAP *QWEST DSL* Service Charge,  
per termination

(M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE
a. CAP <i>QWEST DSL SELECT</i> ,			
• Per session connection			
- Monthly	HRCAM	\$69.00	\$15.00
- 12 Months	HRCA1	69.00	15.00
- 36 Months	HRCA3	69.00	19.95
- 60 Months	HRCA5	69.00	19.95
b. CAP <i>Qwest DSL 640k</i> ,			
• Dedicated connection			
- Monthly	HRLAM	69.00	28.00
- 12 Months	HRLA1	69.00	28.00
- 36 Months	HRLA3	69.00	29.95
- 60 Months	HRLA5	69.00	29.95

[1] All CAP *QWEST DSL* Services are grandfathered as of April 4, 2001, except CAP *QWEST DSL SELECT* which is grandfathered as of June 14, 2001.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

G. Rates and Charges CAP

1. CAP QWEST DSL Service Charge,(Cont'd)  
per termination

(T-M)

(T-M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	(M)
c. CAP QWEST DSL PRO DELUXE				
• Dedicated connection				
- Monthly	H5LGM	\$69.00	\$55.00	
- 12 Months	H5LG1	69.00	55.00	
- 36 Months	H5LG3	69.00	55.00	
- 60 Months	H5LG5	69.00	55.00	
d. CAP QWEST DSL PRO 640 KBPS				
• Dedicated connection				
- Monthly	HRLBM	69.00	66.00	
- 12 Months	HRLB1	69.00	64.00	
- 36 Months	HRLB3	69.00	62.00	
- 60 Months	HRLB5	69.00	60.00	(M)

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**8.99.4 QWEST DSL SERVICE**

G. Rates and Charges CAP

1. CAP QWEST DSL Service Charge,(Cont'd)  
per termination

(T-M)

(T-M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	(M)
e. CAP QWEST DSL PRO 960 KBPS				
• Dedicated connection				
- Monthly	HRLCM	\$69.00	\$77.00	
- 12 Months	HRLC1	69.00	74.00	
- 36 Months	HRLC3	69.00	71.00	
- 60 Months	HRLC5	69.00	68.00	
f. CAP QWEST DSL PRO 1.2 MBPS				
• Dedicated connection				
- Monthly	HRLDM	69.00	88.00	
- 12 Months	HRLD1	69.00	84.00	
- 36 Months	HRLD3	69.00	80.00	
- 60 Months	HRLD5	69.00	76.00	(M)

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**8.99.4 QWEST DSL SERVICE**

G. Rates and Charges CAP

1. CAP QWEST DSL Service Charge,(Cont'd)  
per termination

(T-M)

(T-M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE	(M)
g. CAP QWEST DSL PRO 4 MBPS				
• Dedicated connection				
- Monthly	HRLEM	\$69.00	\$165.00	
- 12 Months	HRLE1	69.00	160.00	
- 36 Months	HRLE3	69.00	155.00	
- 60 Months	HRLE5	69.00	150.00	
h. CAP QWEST DSL PRO 7 MBPS				
• Dedicated connection				
- Monthly	HRLFM	69.00	275.00	
- 12 Months	HRLF1	69.00	269.00	
- 36 Months	HRLF3	69.00	263.00	
- 60 Months	HRLF5	69.00	257.00	(M)

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**8.99.4 QWEST DSL SERVICE**

G. Rates and Charges CAP(Cont'd)

(T-M)

	USOC	NONRECURRING CHARGE	(M)
2. CAP <i>QWEST DSL</i> Change Charge, [1] per order			
• Destination Channel Change[2]	REAKM	\$9.99	

[1] All CAP *QWEST DSL* Services are grandfathered as of April 4, 2001, except CAP *QWEST DSL SELECT* which is grandfathered as of June 14, 2001.

[2] The Destination Channel Change Charge will not apply for CAP *QWEST DSL PRO*.

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**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE(Cont'd)**

H. *QWEST DSL* Volume Plan (T-M)

The following discount percentages apply to the respective month-to-month recurring rate for the *QWEST DSL* service available to the option chosen by the customer as set forth in E., preceding. (M)  
(M)  
(T-M)

TOTAL DSL ACTIVE PORTS IN SERVICE	DISCOUNT % OF MONTHLY RATE	(M)
• Starter Option[1]		
- 0 to 2,499	0%	
- 2,500 to 4,999	2%	
- 5,000 to 9,999	4%	
- 10,000 to 14,999	7%	
- 15,000 to 29,999	11%	
• Basic Discount Option[1]		
- Up to 15,000	11%	
- 15,001 to 30,000	12%	
- 30,001 to 60,000	13%	
- 60,001 to 120,000	14%	
- 120,001 to 200,000	15%	
- 200,001 to 400,000	17%	
• Volume Commitment Option II[2]		
- 60,001 to 120,000	14%	
- 120,001 to 200,000	15%	
- 200,001 to 400,000	17%	

[1] The nonrecurring charge associated with all Starter Option and Basic Discount Option *QWEST DSL* lines will be waived when the service is connected. However, for each *QWEST DSL* line that disconnects without being in service for at least 12 months, a nonrecurring charge will be assessed as set forth in E., preceding. (M)  
(T-M)

[2] The nonrecurring rates for *QWEST DSL* service as set forth in F., preceding, will apply to this Plan, but not at a discounted rate. (T-M)  
(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

H. *QWEST DSL* Volume Plan(Cont'd)

(T-M)

**TOTAL DSL ACTIVE  
PORTS IN SERVICE**

**DISCOUNT % OF  
MONTHLY RATE**

(M)

• Volume Commitment Option II[1]

- 1 and greater:

<i>Qwest Choice DSL</i>	25%
<i>QWEST DSL SELECT</i>	17%
<i>Qwest DSL 640k</i>	17%

- 1 and greater[2]:

<i>Qwest Choice DSL</i>	32%
<i>QWEST DSL SELECT</i>	25%
<i>Qwest DSL 640k</i>	25%

• Volume Commitment Option III[3]

- Up to 120,000 – 18 months	24.9%
- Up to 260,000 – 30 months	24.9%
- Up to 400,000 – 42 months	24.9%
- Up to 500,000 – 54 months	24.9%

[1] The nonrecurring rates for *QWEST DSL* service as set forth in F., preceding, will not apply to this Plan.

(M)  
(T-M)  
(M)

[2] Applies only to years 4 and 5 of the Plan once the customer has paid the Company for 4 million months of service.

[3] Volume Commitment Option III has an Activation Fee of \$35.00 per end user subscriber line, in lieu of the nonrecurring rates set forth in F., preceding. This fee will be waived if the Company fails to activate service by Due Date.

(M)  
(T-M)  
(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

H. *QWEST DSL* Volume Plan(Cont'd)

(T-M)

**TOTAL DSL ACTIVE  
PORTS IN SERVICE**

**DISCOUNT % OF  
MONTHLY RATE**

(M)

• Volume Commitment Option IV[1]

- 0 - 4,999	1%
- 5,000 - 9,999	2.5%
- 10,000 - 14,999	5%
- 15,000 - 24,999	10%
- 25,000 +	19.65%

[1] Customers who choose Volume Commitment Option IV and add new subscribers will be billed the Activation Fee that was associated with their original Volume Plan.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE(Cont'd)**

**I. QWEST DSL HOST**

(T-M)

**1. QWEST DSL HOST Access Link**

(T-M)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	<b>(M)</b>
• 1.544 Mbps	N/A	[1]	[1]	
• 44.736 Mbps	N/A	[2]	[2]	
• 155.52 Mbps	N/A	[2]	[2]	

**2. QWEST DSL HOST Port (BSE)**

(T-M)

**1.5 Mbps, per Port**

(T-M)

• Monthly	HPRGM	\$500.00	\$910.00	(M)
• 12 Months	HPRG1	500.00	455.00	
• 36 Months	HPRG3	500.00	409.50	
• 60 Months	HPRG5	500.00	364.00	

**IMA Ports, per Port**

(T-M)

• 3 Mbps	-	[3]	[3]	(M)
• 4.6 Mbps	-	[3]	[3]	
• 6.1 Mbps	-	[3]	[3]	
• 7.7 Mbps	-	[3]	[3]	
• 9.2 Mbps	-	[3]	[3]	
• 10.7 Mbps	-	[3]	[3]	
• 12.3 Mbps	-	[3]	[3]	

[1] DS1 Service Channel Termination rates and charges are as set forth in Sections 7 and 17.

[2] ATM Optical Access Link rates and charges are as set forth in 8.5.5, following and DS3 Service Channel Termination rates and charges are as set forth in Sections 7 and 17.

[3] See ATM Service Rates and Charges, IMA Ports, per port as set forth in 8.5.5, following.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.99 GRANDFATHERED ADVANCED COMMUNICATIONS NETWORKS SERVICES**

**8.99.4 QWEST DSL SERVICE**

**1. QWEST DSL HOST**

**2. QWEST DSL HOST Port (BSE)(Cont'd)**

(T-M)

44.736 Mbps, per Port

(T-M)

A minimum of one 3 Mbps Bandwidth increment applies for each 44.736 Mbps *QWEST DSL HOST* Port. The nonrecurring charge includes the installation of the Bandwidth increment(s) installed at the same time as the *QWEST DSL HOST* Port.

(M)

	<b>USOC</b>	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>	
• Monthly	HPRKM	\$200.00	\$600.00	
• 12 Months	HPRK1	200.00	570.00	
- Vintage				
9/07/99 through 1/28/02			418.00	
• 36 Months	HPRK3	200.00	510.00	
- Vintage[1]				
9/07/99 through 1/28/02			407.00	
• 60 Months	HPRK5	200.00	480.00	
- Vintage				
9/07/99 through 1/28/02			396.00	(M)
155.52 Mbps, per Port		[1]	[1]	(T-M)

[1] See ATM Service Fixed Rate, per Port, 155.52 Mbps, 8.5.5, following.

(M)

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**8.99.4 QWEST DSL SERVICE**

I. *QWEST DSL HOST*(Cont'd) (T-M)

3. *QWEST DSL HOST* Bandwidth (T-M)

Applicable only to the 44.736 Mbps *QWEST DSL HOST* Port or ATM Port used in lieu of a *QWEST DSL HOST* Port. A minimum of one increment applies for each 44.736 Mbps *QWEST DSL HOST* Port or ATM Port used in lieu of a *QWEST DSL HOST* Port. (M)

a. Each 3 Mbps Increment, up to 44.736 Mbps, per increment (T-M)  
(M)

	USOC	NONRECURRING CHARGE	MONTHLY RATE
• Monthly	HB1HM	—	\$478.00
• 12 Months	HB1H1	—	239.00
• 36 Months	HB1H3	—	232.00
• 60 Months	HB1H5	—	227.00

b. *QWEST DSL HOST* Port Bandwidth Change Charge (T-M)

• 3 to 45 Mbps port speed bandwidth change, per speed change	REAKN	\$100.00	—
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**8.99.4 QWEST DSL SERVICE**

I. *QWEST DSL HOST*(Cont'd)

(T-M)

4. *QWEST DSL HOST* Central Office Connecting Channel (COCC)

(T-M)

	<b>NONRECURRING CHARGE</b>	<b>MONTHLY RATE</b>
--	--------------------------------	-------------------------

(M)

- Per connection

[1]

[1]

[1] COCC rates and charges are as set forth in Sections 7 and 17.

(M)

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**8. ADVANCED COMMUNICATIONS NETWORKS**

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**8.99.4 QWEST DSL SERVICE(Cont'd)**

**J. QWEST IDSL Service**

(T-M)

**1. Channel Termination,  
per termination**

(M)

	<b>USOC</b>	<b>MONTHLY RATE</b>	<b>NONRECURRING CHARGE</b>
• Monthly	T8XYX	\$69.95	\$250.00
• 12 Months	T8XY1	69.95	250.00
• 36 Months	T8XY3	65.95	250.00
• 60 Months	T8XY5	59.95	250.00
<b>2. Speed Change Charge, per order</b>	<b>REALY</b>	<b>—</b>	<b>30.00</b>

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