

**ACCESS SERVICE****CHECK SHEET**

Title Page 1 to 17-6744 of this tariff and Supplement 10 are effective as of the date shown. Original and revised pages as named below contain all changes that are in effect on the date hereof.

<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>	<u>Page</u>	<u>Number of Revision Except as Indicated</u>
Title	1st	0-4.13	7th	0-5	Original
Title 2	25th	0-4.14	10th	0-6	1st
Title 3	8th	0-4.15	7th	0-7	11th
Title 4	4th	0-4.16	6th	0-7.1	2nd
Title 5	1st	0-4.17	5th	0-8	7th
Title 6	Original	0-4.18	7th	0-9	8th
Title 7	2nd	0-4.19	7th	0-9.1	2nd
Title 8	1st	0-4.20	21st	0-10	2nd
Title 9	Original	0-4.21	20th	0-11	3rd
Title 10	2nd	0-4.22	4th	0-12	5th
Title 11	3rd	0-4.23	4th	0-13	2nd
Title 12	1st	0-4.24	4th	0-14	1st
Title 13	Original	0-4.25	6th	0-15	Original
Title 14	Original	0-4.26	4th	0-16	3rd
Title 15	Original	0-4.27	5th	0-17	2nd
Title 16	Original	0-4.28	5th	0-18	Original
Title 17	Original	0-4.29	5th	0-19	4th
Title 18	Original	0-4.30	7th*	0-20	2nd
Title 19	Original	0-4.31	4th	0-21	Original
Title 20	Original	0-4.32	3rd	0-22	4th
Title 21	Original	0-4.33	14th	0-23	8th
Title 22	Original	0-4.34	3rd	0-23.1	9th
Title 23	1st	0-4.35	3rd	0-24	4th
Title 24	1st	0-4.36	10th	0-24.1	4th
Title 25	1st	0-4.37	4th	0-24.2	2nd
Title 26	Original	0-4.38	4th	0-24.3	5th
Title 27	1st	0-4.39	4th	0-24.4	3rd
Title 28	1st	0-4.40	4th	0-24.5	2nd
Title 29	1st	0-4.41	4th	0-24.6	3rd
0-1	230th*	0-4.42	5th	0-24.7	3rd
0-1.0	11th	0-4.43	5th	0-24.8	4th
0-1.1	34th	0-4.44	2nd	0-24.9	2nd
0-2	34th	0-4.45	6th	0-24.10	2nd
0-3	64th	0-4.46	11th	0-24.11	3rd
0-3.1	12th	0-4.47	1st	0-24.12	1st
0-4	91st	0-4.48	1st	0-24.13	1st
0-4.0	4th	0-4.49	2nd	0-24.14	3rd
0-4.1	80th	0-4.50	1st	0-24.15	1st
0-4.1.1	4th	0-4.51	1st	0-24.16	2nd
0-4.2	72nd	0-4.52	2nd*	0-24.17	4th
0-4.3	87th	0-4.53	Original	0-24.18	3rd
0-4.4	74th	0-4.54	Original	0-24.19	5th
0-4.4.1	12th	0-4.55	1st	0-24.20	2nd
0-4.5	70th	0-4.56	Original	0-24.21	3rd
0-4.6	88th	0-4.57	Original	0-24.22	2nd
0-4.7	32nd			0-24.23	2nd
0-4.8	22nd			0-24.24	1st
0-4.9	29th			0-24.25	1st
0-4.10	14th				
0-4.11	8th				
0-4.12	11th				

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17-3498	2nd	17-3539	1st*	17-3577	4th*
17-3499	Original	17-3540	1st*	17-3578	4th*
17-3500	Original	17-3541	1st*	17-3579	3rd*
17-3501	Original	17-3542	4th*	17-3580	4th*
17-3502	Original	17-3543	4th*	17-3581	4th*
17-3503	Original	17-3544	4th*	17-3582	4th*
17-3504	Original	17-3545	4th*	17-3583	4th*
17-3505	Original	17-3546	1st*	17-3584	2nd*
17-3506	Original	17-3547	1st*	17-3585	4th*
17-3507	Original	17-3548	1st*	17-3586	5th*
17-3508	3rd	17-3549	4th*	17-3587	3rd*
17-3509	Original	17-3550	4th*	17-3588	1st
17-3510	Original	17-3551	4th*	17-3589	Original
17-3511	Original	17-3552	4th*	17-3590	Original
17-3512	1st	17-3553	4th*	17-3591	Original
17-3513	1st	17-3554	1st*	17-3592	Original
17-3514	1st	17-3555	4th*	17-3593	Original
17-3515	1st	17-3556	4th*	17-3594	3rd
17-3516	1st	17-3557	1st*	17-3595	Original
17-3517	1st	17-3558	1st*	17-3596	Original
17-3518	1st	17-3559	1st*	17-3597	1st
17-3519	3rd	17-3560	1st*	17-3598	1st
17-3520	3rd	17-3561	1st*	17-3599	1st
17-3521	2nd	17-3562	1st*	17-3600	3rd
17-3522	3rd	17-3563	1st*	17-3601	3rd
17-3523	3rd	17-3564	1st*	17-3602	3rd
17-3524	3rd	17-3565	1st*	17-3603	3rd
17-3525	3rd	17-3566	2nd*	17-3604	1st
17-3526	1st	17-3567	1st*	17-3605	1st
17-3527	3rd	17-3568	1st*	17-3606	1st
17-3528	3rd	17-3569	1st*	17-3607	2nd
17-3529	3rd	17-3570	1st*	17-3608	2nd
17-3530	1st*	17-3571	1st*	17-3609	3rd
17-3531	1st*	17-3572	1st*	17-3610	3rd
17-3532	1st*	17-3573	1st*	17-3611	3rd
17-3533	1st*	17-3574	1st*	17-3612	Original
17-3534	1st*	17-3575	1st*	17-3613	2nd
17-3535	1st*	17-3576	1st*	17-3614	2nd
17-3536	4th*			17-3615	Original
17-3537	1st*				
17-3538	1st*				

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17-6081	Original	17-6122	1st*	17-6161	2nd*
17-6082	Original	17-6123	1st*	17-6162	2nd*
17-6083	Original	17-6124	1st*	17-6163	2nd*
17-6084	Original	17-6125	2nd*	17-6164	2nd*
17-6085	Original	17-6126	2nd*	17-6165	2nd*
17-6086	Original	17-6127	2nd*	17-6166	2nd*
17-6087	1st	17-6128	2nd*	17-6167	2nd*
17-6088	Original	17-6129	1st*	17-6168	2nd*
17-6089	Original	17-6130	1st*	17-6169	2nd*
17-6090	Original	17-6131	1st*	17-6170	2nd*
17-6091	1st	17-6132	2nd*	17-6171	2nd*
17-6092	1st	17-6133	2nd*	17-6172	2nd*
17-6093	1st	17-6134	2nd*	17-6173	Original
17-6094	1st	17-6135	2nd*	17-6174	Original
17-6095	1st	17-6136	2nd*	17-6175	Original
17-6096	Original	17-6137	1st*	17-6176	Original
17-6097	1st	17-6138	2nd*	17-6177	Original
17-6098	1st	17-6139	2nd*	17-6178	Original
17-6099	1st	17-6140	1st*	17-6179	Original
17-6100	Original	17-6141	1st*	17-6180	Original
17-6101	1st	17-6142	1st*	17-6181	Original
17-6102	1st	17-6143	1st*	17-6182	Original
17-6103	1st	17-6144	1st*	17-6183	Original
17-6104	1st	17-6145	1st*	17-6184	Original
17-6105	1st	17-6146	1st*	17-6185	Original
17-6106	1st	17-6147	1st*	17-6186	Original
17-6107	Original	17-6148	1st*	17-6187	Original
17-6108	Original	17-6149	2nd*	17-6188	Original
17-6109	1st	17-6150	1st*	17-6189	Original
17-6110	Original	17-6151	1st*	17-6190	Original
17-6111	Original	17-6152	1st*	17-6191	Original
17-6112	1st*	17-6153	2nd*	17-6192	Original
17-6113	1st*	17-6154	2nd*	17-6193	Original
17-6114	1st*	17-6155	2nd*	17-6194	Original
17-6115	1st*	17-6156	2nd*	17-6195	Original
17-6116	1st*	17-6157	2nd*	17-6196	Original
17-6117	1st*	17-6158	2nd*	17-6197	Original
17-6118	1st*	17-6159	2nd*	17-6198	Original
17-6119	2nd*	17-6160	2nd*	17-6199	Original
17-6120	1st*				
17-6121	1st*				
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## ACCESS SERVICE

17. Rates and Charges - Twin Lakes Telephone Cooperative Corp.

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates, terms and conditions for the Telephone Company's offering of End User Access service may be found in NECA Tariff F.C.C. No. 5.

17.1.2 Federal Universal Service Charge (FUSC)

Rates, terms and conditions for the Telephone Company's Federal Universal Service Charge (FUSC) can be found in the NECA Tariff F.C.C. No. 5.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.2 Switched Access Service17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(A) Local Transport - Installation  
Per Entrance Facility

6.4.1(B)(1)

- Voice Grade Two Wire	\$483.86
- Voice Grade Four Wire	\$483.86
- High Capacity DS1	\$354.84
- High Capacity DS3	\$478.49
- Synchronous Optical Channel OC3	\$387.09
- Synchronous Optical Channel OC12	\$387.09
- ESALT 2 Mbps	\$573.45
- ESALT 10 Mbps	\$573.45
- ESALT 50 Mbps	\$573.45

(B) Interim NXX Translation  
Per Order

\$236.56

6.4.1(B)(2)

Per LATA or Market Area

(C) FGC and FGD Conversion of  
Multifrequency Address  
Signaling to SS7 Signaling  
or SS7 Signaling to  
Multifrequency Address  
Signaling

- Per 24 Trunks Converted  
or Fraction thereof on  
a Per Order Basis

\$475.25

6.4.1(B)(3)

(D) Direct Trunked Transport  
ActivatedPer Order

- Per 24 Trunks Activated  
or Fraction thereof on  
a Per Order Basis

\$493.53

6.4.1(B)(1)

(E) ESALT Direct Trunked  
Termination

6.4.1(B)(1)

- Per ESALT Direct Trunked  
Termination Installation

\$377.81

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.2 Switched Access Service (Cont'd)17.2.1 Nonrecurring ChargesRateTariff  
Section  
Reference(F) Flexible Automatic Number  
Identification (Flex ANI)

- Per End Office, Per CIC None 6.4.1(B)(1)

(G) ESALT Entrance Facility  
Protection- Per ESALT  
Entrance Facility \$579.6517.2.2 Local TransportMonthly  
RatePremium Access- Entrance Facility  
Per Termination

6.1.3(A)(1)

- Voice Grade Two Wire	\$ 16.02
- Voice Grade Four Wire	\$ 25.63
- High Capacity DS1	\$ 78.09
- High Capacity DS3	\$ 713.04
- Optical Channel OC3	\$ 727.08
- Optical Channel OC12	\$ 776.29
- ESALT 2 Mbps	\$ 138.32
- ESALT 10 Mbps	\$ 149.08
- ESALT 50 Mbps	\$ 193.14

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	Monthly	Tariff
17.2.2	<u>Local Transport</u> (Cont'd)	<u>Rate</u>	<u>Section Reference</u>
-	<u>Direct Trunked Transport</u>		6.1.3(A)(2)
-	<u>Direct Trunked Facility</u>		
	Per Mile		
-	Voice Grade	\$ 1.14	
-	High Capacity DS1	\$ 5.35	
-	High Capacity DS3	\$ 46.61	
-	Optical Channel OC3	\$ 49.89	
-	Optical Channel OC12	\$ 62.61	
-	Per DTF-E1 Facility		
	ESALT 2 Mbps	\$ 15.76	
	ESALT 10 Mbps	\$ 39.96	
	ESALT 50 Mbps	\$ 111.88	
-	Per DTF-E2 Facility		
	ESALT 2 Mbps	\$ 10.50	
	ESALT 10 Mbps	\$ 23.98	
	ESALT 50 Mbps	\$ 74.59	
-	Per DTF-E3 Facility		
	ESALT 2 Mbps	\$ 30.43	
	ESALT 10 Mbps	\$ 76.59	
	ESALT 50 Mbps	\$ 250.15	
-	Per DTF-E4 Facility		
	ESALT 2 Mbps	\$ 50.95	
	ESALT 10 Mbps	\$ 157.10	
	ESALT 50 Mbps	\$ 445.82	
-	<u>Direct Trunked Termination</u>		
	Per Termination		
-	Voice Grade	\$ 11.46	
-	High Capacity DS1	\$ 27.76	
-	High Capacity DS3	\$ 178.25	
-	Optical Channel OC3	\$ 185.60	
-	Optical Channel OC12	\$ 404.11	
-	ESALT 2 Mbps	\$ 36.77	
-	ESALT 10 Mbps	\$ 44.95	
-	ESALT 50 Mbps	\$ 54.95	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	Monthly Rate	Tariff Section Reference
17.2.2	<u>Local Transport</u> (Cont'd)		
	<u>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$ 162.64	
	- DS1 to Voice	\$ 62.79	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
-	<u>Tandem Switched Facility</u>	\$0.000165	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.000854	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.002154	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.006271	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.002166	
	Vertical Feature	\$0.002394	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 3.01	
	ESALT 10 Mbps	\$ 15.07	
	ESALT 50 Mbps	\$ 46.81	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$108.64	
	ESALT 10 Mbps	\$108.64	
	ESALT 50 Mbps	\$108.64	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Non-Premium Access (Cont'd)(A) Common Channel Signaling  
Network Connection(1) Signaling Network Access Link

	<u>Rate</u>
- Signaling Mileage Facility per mile	\$ 1.54
- Signaling Mileage Termination per Termination	\$ 15.44

Nonrecurring  
Charge

- Signaling Entrance Facility per Facility	\$ 29.56	\$419.35
(2) STP Port per port	\$152.34	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff  
Section  
Reference(A) Local Switching  
Premium

- Per Originating Access Minute	\$0.005504	6.1.3(B)(1)
- Per Terminating Access Minute	\$0.000000	

Non-Premium

- Per Originating Access Minute	\$0.002477	6.1.3(B)(1)
- Per Terminating Access Minute	\$0.000000	

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.020181	6.1.3(B)(2)
Per Terminating 100 Access Minutes	\$0.000000	

-Non-Premium

Per Originating 100 Access Minutes	\$0.009082	6.1.3(B)(2)
Per Terminating 100 Access Minutes	\$0.000000	

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17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.2 Switched Access Service (Cont'd)17.2.5 Assumed Minutes of UseAssumed  
Minutes  
Per MonthTariff  
Section  
Reference(A) Feature Group A,  
Two Way Calling  
(1510 Originating,  
2685 Terminating)

4195

6.5.4

(B) Feature Group A,  
Originating Only

1510

6.5.4

(C) Feature Group A,  
Terminating Only

2685

6.5.4

(D) Feature Group B,  
Two Way Calling  
(3132 Originating,  
5568 Terminating)

8700

6.6.4

(E) Feature Group B,  
Originating Only

3132

6.6.4

(F) Feature Group B,  
Terminating Only

5568

6.6.4

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**ACCESS SERVICE**

17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

Regulations concerning the surcharge for special access service are set forth in Section 7.3 of the NECA Tariff F.C.C. No. 5.

The rate applicable to the surcharge for special access service is set forth in the NECA Tariff F.C.C. No. 5, Section 17.3.1.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.3 Special Access Service (Cont'd)17.3.2 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 preceding.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	Channel Termination Per Termination	ICB	ICB
(B)	Channel Mileage		
(1)	Channel Mileage Facility Per Mile	ICB	
(2)	Channel Mileage Termination Per Termination	ICB	
(C)	Optional Features and Functions		
(1)	Bridging		
(a)	Three Premises Bridging Per Port	ICB	
(b)	Series Bridging Per Port	ICB	
(2)	DSL Access Service Connection		
(a)	Per 10BASE-T	ICB	ICB
(b)	Per 100BASE-T	ICB	ICB

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.3 Special Access Service (Cont'd)17.3.3 Telegraph Grade Service

Regulations concerning Telegraph Grade Service are set forth in Section 7.5 preceding.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	Channel Termination Per Termination		
	- Two-Wire	ICB	ICB
	- Four-Wire	ICB	ICB
(B)	Channel Mileage		
(1)	Channel Mileage Facility Per Mile	ICB	
(2)	Channel Mileage Termination Per Termination	ICB	
(C)	Optional Features and Functions		
(1)	Telegraph Bridging Per Port		
	- Two-Wire	ICB	
	- Four-Wire	ICB	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Service are set forth in Section 7.6 of the JSI Tariff F.C.C. No. 1.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	Channel Termination Per Termination		
	- Two-Wire	\$39.05	\$285.65
	- Four-Wire	\$62.49	\$285.65
(B)	Channel Mileage		
(1)	Channel Mileage Facility Per Mile	\$ 2.79	
(2)	Channel Mileage Termination Per Termination	\$27.96	
(C)	Optional Features and Functions		
(1)	Bridging		
(a)	<u>Voice Bridging</u> Per Port		
	Two-Wire/Four-Wire		
	- Two-Wire	\$ 4.72	
	- Four-Wire	\$ 4.72	

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17.	<u>Rates and Charges</u> - Twin Lakes Telephone Cooperative Corp. (Cont'd)		(Z)
17.3	<u>Special Access Service</u> (Cont'd)		
17.3.4	<u>Voice Grade Service</u> (Cont'd)		
		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(1)	Bridging (Cont'd)		
(b)	<u>Data Bridging</u> Per Port		
	- Two-Wire	\$4.72	
	- Four-Wire	\$4.72	
(c)	<u>Telephoto Bridging</u> per port		
	- Two-Wire	\$4.72	
	- Four-Wire	\$4.72	(Z)

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17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	Monthly Rate
(C) Optional Features and Functions (Cont'd)	
(2) Conditioning Per Termination	
- C Type	\$6.92
- Improved Attenuation Distortion*	None
- Improved Envelope Delay Distortion*	None
- Data Capability	\$6.15
- Telephoto Capability	\$6.53
- Sealing Current	None
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination	
- Two-Wire	\$9.89
- Four-Wire	\$9.89
(4) Customer Specified Receive Level per two-wire termination	\$7.47

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\* Improved Attenuation Distortion and Improved Envelope Delay Distortion will continue to be provided to all customers who were provided with either or both of these optional features in conjunction with C-Type Conditioning prior to May 4, 1988.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		Monthly Rate
(C)	Optional Features and Functions (Cont'd)	
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	\$163.72
(6)	Signaling Capability Per termination	\$ 15.83
(7)	Selective Signaling Arrangement Per arrangement	\$ 4.72
(8)	Transfer Arrangement (key activated* or dial up**)	
-	Per four port arrangement including control channel termination***	\$ 2.25
-	Per five port arrangement including control channel termination***	\$ 5.18
(9)	Public Packet Switching Network (PPSN) Interface Arrangement Per arrangement	ICB

ICB rates and charges are filed in Section 17.3.9 following.

\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service

Regulations concerning Program Audio Service are set forth in Section 7.7 preceding.

		<u>Monthly Rate</u>	<u>Daily* Rate</u>	<u>Nonrecurring Charge</u>	
				<u>Monthly</u>	<u>Daily</u>
(A)	Channel Termination Per Termination				
	- 200 to 3500 Hz	ICB	ICB	ICB	ICB
	- 100 to 5000 Hz	ICB	ICB	ICB	ICB
	- 50 to 8000 Hz	ICB	ICB	ICB	ICB
	- 50 to 15000 Hz	ICB	ICB	ICB	ICB
(B)	Channel Mileage				
(1)	Channel Mileage Facility Per Mile		<u>Monthly Rate</u>		<u>Daily* Rate</u>
	- 200 to 3500 Hz		ICB		ICB
	- 100 to 5000 Hz		ICB		ICB
	- 50 to 8000 Hz		ICB		ICB
	- 50 to 15000 Hz		ICB		ICB
(2)	Channel Mileage Termination Per Termination				
	- 200 to 3500 Hz		ICB		ICB
	- 100 to 5000 Hz		ICB		ICB
	- 50 to 8000 Hz		ICB		ICB
	- 50 to 15000 Hz		ICB		ICB

\* Daily Rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the JSI Tariff F.C.C. No. 1.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service (Cont'd)

		<u>Monthly Rate</u>	<u>Daily* Rate</u>
(C)	Optional Features and Functions		
(1)	Bridging, Distribution Amplifier Per Port	ICB	ICB
(2)	Gain Conditioning per service	ICB	ICB
(3)	Stereo per service	ICB	ICB

(Z)

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8 preceding.

		Monthly <u>Rate</u>	Daily* <u>Rate</u>	Nonrecurring <u>Charge</u>	
				<u>Monthly</u>	<u>Daily</u>
(A)	Channel Termination Per Termination				
	- TV-1 or 2	ICB	ICB	ICB	ICB
	- 4TV-5	ICB	ICB	ICB	ICB
	- 6TV-5	ICB	ICB	ICB	ICB
	- TV-15	ICB	ICB	ICB	ICB
(B)	Channel Mileage		<u>Monthly Rate</u>	<u>Daily Rate*</u>	
(1)	Channel Mileage Facility Per Mile				
	- All		ICB	ICB	
(2)	Channel Mileage Termination Per Termination				
	- All		ICB	ICB	

\* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the JSI  
Tariff No. 1.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service

Regulations concerning Digital  
Data Service are set forth in  
Section 7.9 of the JSI Tariff  
No. 1.

Monthly  
Rate

Nonrecurring  
Charge

(A) Channel Termination  
Per Termination

- 2.4 kbps	\$72.08	\$379.35
- 4.8 kbps	72.08	379.35
- 9.6 kbps	72.08	379.35
- 19.2 kbps	72.08	379.35
- 56.0 kbps	72.08	379.35
- 64.0 kbps	72.08	379.35

## (B) Channel Mileage

(1) Channel Mileage Facility  
Per Mile

- 2.4 kbps	\$2.65
- 4.8 kbps	2.65
- 9.6 kbps	2.65
- 19.2 kbps	2.65
- 56.0 kbps	3.75
- 64.0 kbps	3.75

(2) Channel Mileage Termination  
Per Termination

- 2.4 kbps	\$26.56
- 4.8 kbps	26.56
- 9.6 kbps	26.56
- 19.2 kbps	26.56
- 56.0 kbps	37.64
- 64.0 kbps	37.64

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

	Monthly Rate
(C) Optional Features and Functions	
(1) Bridging Per port	\$ 6.35
(2) Loop Transfer Arrangement Per four port arrangement* Key activated** or Dial-Up***	\$ 4.50
(3) Public Packet Switching Network Interface Arrangement	
- Per 9.6 kbps arrangement	ICB
- Per 56.0 kbps arrangement	ICB
(D) Channel Service Unit Per Termination****	
- 2.4 kbps	\$22.47
- 4.8 kbps	22.47
- 9.6 kbps	22.47
- 56.0 kbps	22.47

\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional Channel Mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center. ICB Rates and Charges are filed in Section 17.3.9 following.

\*\* The key activated control channel is rated as a metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-Up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* Channel Service Units will only be provided under tariff if they existed in the Telephone Company's inventory as of November 18, 1983.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service

Regulations concerning High Capacity Service are set forth in Section 7.10 of the JSI Tariff F.C.C. No. 1.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- DS1 1.544 Mbps	\$ 179.71	\$209.48
- DS1C 3.152 Mbps	ICB	ICB
- DS2 6.312 Mbps	ICB	ICB
- DS3 44.736 Mbps	\$1,481.60	\$282.48
- DS4 274.176 Mbps	ICB	ICB
(B) Channel Mileage		
	<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile		
- 64.0 Kbps	\$ 3.75	
- 1.544 Mbps	\$ 11.12	
- 3.152 Mbps	ICB	
- 6.312 Mbps	ICB	
- 44.736 Mbps	\$ 96.84	
- 274.176 Mbps	ICB	
(2) Channel Mileage Termination Per Termination		
- 64.0 Kbps	\$ 37.64	
- 1.544 Mbps	\$ 57.68	
- 3.152 Mbps	ICB	
- 6.312 Mbps	ICB	
- 44.736 Mbps	\$ 370.40	
- 274.176 Mbps	ICB	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

(C) Term Discounts		<u>Percentage</u>
DS1 and DS3 services		
36 months		10%
60 months		20%
		<u>Monthly Rate</u>
(D) Optional Features and Functions		
(1) Multiplexing, per arrangement		
DS4 to DS1		ICB
DS3 to DS1		\$343.30
DS2 to DS1		ICB
DS1C to DS1		ICB
DS1 to Voice*		141.68
DS1 to DSO		141.68
DSO to Subrates		
- Up to 20 2.4 kbps services		\$338.73
- Up to 10 4.8 kbps services		230.17
- Up to 5 9.6 kbps services		204.11

\* A channel of this DS1 to the Hub can be used for Digital Data service.  
ICB rates and charges are filed in Section 17.3.9 following.

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(Z)

17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(D)	Optional Features and Functions (Cont'd)		
(2)	Automatic Loop Transfer Per arrangement*	\$114.35	
(3)	Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$124.64	
(E)	Network Channel Terminating Equipment (NCTE) Per termination#		
	- 1.544 Mbps	\$ 64.86	
	- Automatic Loop Transfer	260.57	
(F)	DSL Access Service Connection		
	- per 1.544 Mbps	\$ 181.27	\$285.65
	- per 44.736 Mbps	1,258.85	285.65

\* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

\*\* The key activated control channel is rated as a Metallic Channel Termination and Channel Mileage, if applicable.

\*\*\* The Dial-up option requires the customer to purchase the Controller Arrangement from Section 13.3.4 of the JSI Tariff F.C.C. No. 1.

\*\*\*\* An additional Channel Termination charge will apply whenever a spare channel is configured as a leg to the customer designated premises. Additional channel mileage charges will also apply when the transfer arrangement is not located in the customer designated premises serving wire center.

# NCTE will only be provided under tariff if it existed in the Telephone Company's inventory as of November 18, 1983.

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**ACCESS SERVICE**

17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(Z)

(Z)

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service

Regulations concerning Synchronous Optical Channel Service are set forth in 7.11 preceding.

		Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
(A)	Channel Termination Per Termination		
	- OC3/OC3c 155.520 Mbps	\$1,512.74	\$228.52
	- OC12 622.08 Mbps	\$1,890.56	\$228.52
(B)	Channel Mileage Facility Per Mile		
	- OC3/OC3c 155.52 Mbps	\$ 103.80	
	- OC12 622.08 Mbps	\$ 130.29	
(C)	Channel Mileage Termination Per Termination		
	- OC3/OC3c 155.52 Mbps	\$ 386.15	
	- OC12 622.08 Mbps	\$ 840.77	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd) (Z)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service (Cont'd)

(D) Optional Features and Functions				Monthly Rate	Nonrecurring Charge
(1) Customer Node Per Node					
-	OC3/OC3c	155.52 Mbps		\$ 351.26	\$406.26
-	OC12	622.08 Mbps		\$1,014.76	\$406.26
Customer Premises Port Per Port					
-	OC3/OC3c	155.52 Mbps		\$ 134.91	\$406.26
-	STS-1	51.84 Mbps		138.39	\$406.26
-	DS3	44.736 Mbps		138.39	\$406.26
-	DS1	1.544 Mbps		\$ 138.39	\$406.26
(2) Add/Drop Multiplexing Central Office Port Per Port					
-	OC3/OC3c	155.52 Mbps		\$ 134.91	
-	DS3	44.736 Mbps		70.96	
-	DS1	1.544 Mbps		\$ 30.94	
(E) DSL Access Service Connection					
-	Per OC3/OC3c			\$2,205.50	\$ 761.74

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services17.4.1 Access Ordering

	<u>Charge</u>	<u>Tariff Section Reference</u>
(A) <u>Access Order Charge</u>		
Per order	\$ 86.00	5.4.1
(B) <u>Service Date Change Charge</u>		
A Service Date Change Charge will apply, on a per order per occurrence basis, for each service date changed. The Access Order Charge as specified in 17.4.1(A) preceding does not apply. The applicable charge is:		
Service Date Change Charge, per order	\$ 60.00	5.4.3
(C) <u>Design Change Charge</u>		
The Design Change Charge will apply on a per order per occurrence basis, for each order requiring design change. The applicable charge is:		
Design Change Charge, per order	\$ 84.00	5.4.3
(D) <u>Miscellaneous Service Order Charge</u>		
Per Occurrence	\$123.00	5.4.2

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services (Cont'd)17.4.2 Additional Engineering

<u>Additional Engineering Periods</u>		<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
(A)	Basic Time per engineer normally scheduled working hours	\$31.03	13.1
(B)	Overtime per engineer outside of normally scheduled working hours	\$46.55	13.1
(C)	Premium Time per engineer outside of scheduled work day.	\$62.06	13.1

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services (Cont'd)17.4.3 Additional Labor

<u>Additional Labor Periods</u>		<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
(A) Installation or Repair			
-	Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	\$47.57*	13.2.1 & 13.2.2
-	Premium Time, outside of scheduled work day, per technician	\$63.42*	13.2.1 & 13.2.2
(B) Stand by			
-	Basic time, normally scheduled working hours, per technician	\$21.18	13.2.3
-	Overtime, outside of normally scheduled working hours on a scheduled work day per technician	\$31.77	13.2.3
-	Premium Time, outside of scheduled work day, per technician	\$42.36	13.2.3

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

		<u>Each Half Hour or Fraction Thereof</u>		
	<u>Additional Labor Periods</u>	<u>Installation and Repair Technician</u>	<u>Central Office Maintenance Technician</u>	<u>Tariff Section Reference</u>
(C)	Testing and Maintenance with other Telephone Companies, or Other Labor			
-	Basic Time per technician	\$31.71	\$34.66	13.2.4 & 13.2.5
-	normally scheduled working hours			
-	Overtime per technician	\$47.57	\$51.99	13.2.4 & 13.2.5
-	outside of normally scheduled working hours on a scheduled work day			
-	Premium Time per technician	\$63.42	\$69.32	13.2.4 & 13.2.5
-	outside of scheduled work day			

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services(A) Additional Cooperative Acceptance Testing  
- Switched Access

<u>Testing Periods</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(A)(1)

(B) Additional Automatic Testing - Switched AccessTo First Point  
of Switching

## Additional Tests

	<u>Per Test Per Transmission Path</u>	
Gain-Slope Tests	\$2.89	13.3.1(A)(2)
C-Notched Noise Tests	\$2.89	13.3.1(A)(2)
1004 Hz Loss**	\$2.89	13.3.1(A)(2)
C-Message Noise**	\$2.89	13.3.1(A)(2)
Balance (return loss)**	\$2.89	13.3.1(A)(2)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

\*\* 1004 Hz Loss, C-Message Noise and Balance are non-chargeable routine tests; however, they may be requested on an as needed or more than routine scheduled basis, in which case the charges herein apply.

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17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing - Switched AccessTo First Point  
of Switching

Additional Tests

Each Half Hour  
or Fraction  
ThereofTariff  
Section  
ReferenceGain-Slope,  
C-Notched Noise and  
any other agreed to  
tests, per technician  
forth in 17.4.3(C)  
precedingSee the rates  
for Additional  
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing  
- Special AccessTesting PeriodsEach Half  
Hour or  
Fraction  
ThereofTariff  
Section  
ReferenceBasic Time, Overtime\*  
and Premium Time\*See the rates  
for Additional  
Labor as set  
forth in 17.4.3(C)  
preceding.

13.3.1(B)(1)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's  
scheduled work period is subject to a minimum charge of four hours.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing - Special Access

<u>Testing Periods</u>	Each Half Hour or Fraction Thereof	Tariff Section Reference
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.1(B)(2)

(F) Maintenance of Service

<u>Maintenance of Service Periods</u>	Each Half Hour or Fraction Thereof	Tariff Section Reference
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as set forth in 17.4.3(C) preceding.	13.3.2

(G) Restoration Priority

<u>Nonrecurring Charge</u>	Tariff Section Reference
Per service arranged	\$54.63 13.3.3

(H) Controller Arrangement

	Monthly Rate	Tariff Section Reference
Per Arrangement	\$100.00	13.3.4(A)

\* A call out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

(I)	<u>Presubscribed Interexchange Carrier (PIC) Change Charge*</u>	<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>
	Per Telephone Exchange Service line or trunk for each interLATA PIC Change:		13.4(J)
	(1) Submitted using manual methods	\$ 5.50	
	(2) Submitted using electronic methods	\$ 1.25	
	(3) Submitted using manual methods when both the interLATA PIC and intraLATA PIC selections are changed simultaneously	\$ 2.75	
	(4) Submitted using electronic methods when both the interLATA PIC and intraLATA PIC selections are changed simultaneously	\$ 0.63	
(J)	<u>Blocking Service**</u>		
	Per exchange service line or trunk and/or per Feature Group A Switched Access line	\$ 11.20	13.8

\* This charge is generally billed to the end user who is the subscriber to the Telephone Exchange Service. In those instances where the IC both requests the presubscription change, and requests the associated charge be billed to it, the Telephone Company will bill the IC. In the event the subscriber is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event the subscriber denies requesting a presubscription change, the Telephone Company will credit the subscriber's account for the presubscription change charge associated with the alleged unauthorized change, if such charge was billed to the subscriber. The Telephone Company will then bill the IC responsible for the alleged unauthorized change a presubscription change charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the presubscription change charge for the alleged unauthorized change.

\*\* Blocking access to 900 Service is offered to all subscribers at no charge at the time telephone service is established at a new number and for 60 days thereafter.

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17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(K) Billing Name and Address Service

		<u>Nonrecurring Charge</u>	<u>Tariff Section Reference</u>
-	Per BNA Order	\$50.94	13.9.4(A)
-	Per BNA Record	\$ 0.33	13.9.4(A)
-	Optional Magnetic Tape Charge - Per Magnetic Tape	\$91.44	13.9.4(B)
-	Optional Format Programming Charge - Per Hour	\$37.20	13.9.4(C)

(L) Originating Line  
Screening (OLS) Service

-	Per Exchange service line	\$ 7.95	13.10
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(M) Coin Supervision  
Additive Service

		<u>Monthly Rate</u>	
-	Per exchange service line	\$ 2.21	13.12

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17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(N) Access Recovery Charge (ARC)

Regulations concerning the Access Recovery Charge are set forth in Section 13.16 preceding.

## (1) Residential ARC

Per line or trunk assessed a  
Residence End User Common Line \$0.00 per month

## (2) Single Line Business ARC

Per line or trunk assessed a  
Single Line Business  
End User Common Line \$3.00 per month

## (3) Multiline Business ARC

Per line or trunk assessed a  
Multiline Business  
End User Common Line \$3.00 per month

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

(A)	Voice Grade Secure	Monthly	Nonrecurring	Termination
	<u>Communications</u>	<u>Rate</u>	<u>Charges</u>	<u>Charges</u>
	Type I, each T-3 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
	Type II, each G-1 Conditioning,	ICB rates and charges apply		
	Type III, each G-2 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
	Type IV, each G-3 Conditioning,	ICB rates and charges apply		
	Additional Conditioning, per service termination	ICB rates and charges apply		
(B)	Wideband Digital Special Access Service			
	Wideband Secure <u>Communications</u>	<u>Monthly Rates</u>	<u>Nonrecurring Charges</u>	<u>Termination Charges</u>
	Type I, each	ICB rates and charges apply		
	Type II, each	ICB rates and charges apply		
	Type III, each	ICB rates and charges apply		

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**ACCESS SERVICE**

17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services (Cont'd)

17.4.6 Special Facilities Routing of Access Services

(A) Diversity

For each service provided in accordance with 11.1.1, the rates and charges will be developed on an individual case basis.

None

(B) Avoidance

For each service provided in accordance with 11.1.2, the rates and charges will be developed on an individual case basis.

None

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11.1.1 and 11.1.2, combined, the rates and charges will be developed on an individual case basis.

None

(D) Cable-Only Facilities

For each service provided in accordance with 11.1.4, the rates and charges will be developed on an individual case basis.

None

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17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)

17.4.7 Specialized Service or Arrangements

Specialized Service or Arrangements are provided  
on an individual case basis as set forth following:

None

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

(Z)

17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network17.4.8.1 Frame Relay Access Service

Regulations concerning Frame Relay Access Service are set forth in Section 16.1 preceding.

	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
(A) Connections		
(1) <u>Frame Relay Access Connection (FRAC)</u> (per FRAC)		
56.0 kbps	ICB	ICB
64.0 kbps	ICB	ICB
1.544 Mbps	ICB	ICB
44.736 Mbps	ICB	ICB
(2) <u>Frame Relay Inter-network Connection (FRIC)</u> (per FRIC)		
1.544 Mbps	ICB	ICB
44.736 Mbps	ICB	ICB
(3) <u>End User Port - Standard</u> (per port)		
56.0 kbps	ICB	
64.0 kbps	ICB	
1.544 Mbps	ICB	
44.736 Mbps	ICB	
(4) <u>Access Customer Port</u> (per port)		
1.544 Mbps	ICB	
44.736 Mbps	ICB	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.1 Frame Relay Access Service (Cont'd)(A) Connections (Cont'd)

(5) <u>Term Discounts</u>	<u>Percentage</u>
36 months	10%
60 months	20%

(6) Permanent Virtual Connections (PVCs)(a) Standard

<u>CIR</u>	<u>Monthly Rate</u>
8 kbps	ICB
16 kbps	ICB
28 kbps	ICB
32 kbps	ICB
56 kbps	ICB
64 kbps	ICB
128 kbps	ICB
192 kbps	ICB
256 kbps	ICB
384 kbps	ICB
512 kbps	ICB
768 kbps	ICB

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.1 Frame Relay Access Service (Cont'd)(A) Connections (Cont'd)(6) Permanent Virtual Connections (PVCs) (Cont'd)(b) Extended

<u>CIR</u>	<u>Monthly Rate</u>	
8 kbps	ICB	
16 kbps	ICB	
28 kbps	ICB	
32 kbps	ICB	
56 kbps	ICB	
64 kbps	ICB	
128 kbps	ICB	
192 kbps	ICB	
256 kbps	ICB	
384 kbps	ICB	
512 kbps	ICB	
768 kbps	ICB	
		<u>Nonrecurring Charge</u>
(7) PVC Installation Charge	ICB	
(8) PVC Rearrangement Charge	ICB	

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS)

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.7, preceding.

(A) Ports

## (1) Per Basic UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
1.544 Mbps (DS1)	ICB	ICB
44.736 Mbps (DS3)	ICB	ICB
155.520 Mbps (OC3)	ICB	ICB
622.080 Mbps (OC12)	ICB	ICB

## (2) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
10 Mbps	ICB	ICB
100 Mbps	ICB	ICB
1 Gbps	ICB	ICB

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(B) Virtual Paths(1) Path Charge  
Per PathMonthly RateNonrecurring  
Charge

ICB

ICB

(2) Capacity charge, per Megabit of capacity  
Per PathTraffic Routing Prioritization Parameter

<u>Path Size</u>	<u>CBR</u>	<u>VBR-rt</u>	<u>VBR-nrt</u>	<u>UBR</u>
1 to 50 Mbps	ICB	ICB	ICB	ICB
51 to 150 Mbps	ICB	ICB	ICB	ICB
Over 150 Mbps	ICB	ICB	ICB	ICB

(C) Virtual Circuit Channels

## Per Virtual Circuit Channel

Monthly RateNonrecurring  
Charge

ICB

ICB

(Z)



**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(D) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per Basic UNI or NNI Port

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
1.544 Mbps (DS1)	ICB
44.736 Mbps (DS3)	ICB
155.520 Mbps (OC3)	ICB
622.080 Mbps (OC12)	ICB

## (b) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
10 Mbps	ICB
100 Mbps	ICB
1 Gbps	ICB

## (c) Per 1 Mbps DSL VCC

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
ICB	ICB

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.2 Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) (Cont'd)(D) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (d) Per MM-VCC

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per 1 Mbps increment	ICB	ICB
Per 4 Mbps increment	ICB	

## (e) Per MM-VCC Design Change

<u>Nonrecurring Charge</u>
ICB

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS)

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.4, preceding.

(A) ETS Channel Terminations

- (1) Per termination when customer designated premises located within 300 feet of ETS SWC

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$ 48.24	\$229.55
5 Mbps	\$ 59.20	\$229.55
10 Mbps	\$ 68.37	\$229.55
20 Mbps	\$ 75.06	\$229.55
50 Mbps	\$ 86.77	\$229.55
100 Mbps	\$ 96.42	\$229.55
250 Mbps	\$137.32	\$229.55
500 Mbps	\$179.98	\$343.94
750 Mbps	\$209.15	\$343.94
1 Gbps	\$239.43	\$343.94
2.5 Gbps	\$462.78	\$343.94
5 Gbps	\$702.64	\$343.94
10 Gbps	\$767.55	\$343.94

- (2) Per termination when customer designated premises located more than 300 feet of ETS SWC

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$ 182.32	\$229.55
5 Mbps	\$ 184.33	\$229.55
10 Mbps	\$ 186.96	\$229.55
20 Mbps	\$ 211.50	\$229.55
50 Mbps	\$ 239.09	\$229.55
100 Mbps	\$ 250.18	\$229.55
250 Mbps	\$ 261.27	\$229.55
500 Mbps	\$ 345.65	\$343.94
750 Mbps	\$ 397.59	\$343.94
1 Gbps	\$ 460.86	\$343.94
2.5 Gbps	\$ 889.19	\$343.94
5 Gbps	\$1,350.49	\$343.94
10 Gbps	\$1,476.12	\$343.94

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(B) Ports

## (1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$ 66.03	\$201.54
5 Mbps	\$ 73.10	\$201.54
10 Mbps	\$ 80.72	\$201.54
20 Mbps	\$ 89.68	\$201.54
50 Mbps	\$ 95.05	\$201.54
100 Mbps	\$103.69	\$201.54
250 Mbps	\$143.13	\$201.54
500 Mbps	\$181.47	\$301.92
750 Mbps	\$229.48	\$301.92
1 Gbps	\$276.52	\$301.92
2.5 Gbps	\$531.09	\$301.92
5 Gbps	\$807.25	\$301.92
10 Gbps	\$883.73	\$301.92

## (2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$1,076.19	\$136.18
155.52 Mbps	\$1,291.43	\$203.88
622.08 Mbps	\$2,152.38	\$203.88

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs)

## (1) Per Intraswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$0.00	\$159.52
5 Mbps	\$0.00	\$159.52
10 Mbps	\$0.00	\$159.52
20 Mbps	\$0.00	\$159.52
50 Mbps	\$0.00	\$159.52
100 Mbps	\$0.00	\$159.52
250 Mbps	\$0.00	\$159.52
500 Mbps	\$0.00	\$238.89
750 Mbps	\$0.00	\$238.89
1 Gbps	\$0.00	\$238.89
2.5 Gbps	\$0.00	\$238.89
5 Gbps	\$0.00	\$238.89
10 Gbps	\$0.00	\$238.89

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.39	\$0.82

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.23	\$0.44

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (1) Per Intraswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

<u>Near</u>	<u>Real</u>
<u>Real Time</u>	<u>Time</u>
\$0.13	\$0.25

Class of Service (CoS) Levels for Intraswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

<u>Near</u>	<u>Real</u>
<u>Real Time</u>	<u>Time</u>
\$0.08	\$0.19

## (2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly</u>	<u>Nonrecurring</u>
	<u>Rate</u>	<u>Charge</u>
2 Mbps	\$ 28.30	\$159.52
5 Mbps	\$ 38.26	\$159.52
10 Mbps	\$ 71.74	\$159.52
20 Mbps	\$ 143.49	\$159.52
50 Mbps	\$ 193.56	\$159.52
100 Mbps	\$ 308.77	\$159.52
250 Mbps	\$ 636.16	\$159.52
500 Mbps	\$1,059.97	\$238.89
750 Mbps	\$1,408.62	\$238.89
1 Gbps	\$1,843.43	\$238.89
2.5 Gbps	\$3,550.70	\$238.89
5 Gbps	\$5,395.85	\$238.89
10 Gbps	\$5,535.45	\$238.89

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(C) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

## (2) Per Interswitch ETS EVC (Cont'd)

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2 Mbps to 20 Mbps

Monthly Rate Per CoS Level, Per Megabit

Near	Real
<u>Real Time</u>	<u>Time</u>
\$1.35	\$2.71

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 50 Mbps to 250 Mbps

Monthly Rate Per CoS Level, Per Megabit

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.81	\$1.63

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 500 Mbps to 1 Gbps

Monthly Rate Per CoS Level, Per Megabit

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.49	\$0.97

Class of Service (CoS) Levels for Interswitch ETS EVC at speeds of 2.5 Gbps to 10 Gbps

Monthly Rate Per CoS Level, Per Megabit

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.31	\$0.60

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(D) ETS Extended Ethernet Virtual Connections (E-EVCs)

Per ETS E-EVC

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$ 18.86	\$319.04
5 Mbps	\$ 23.90	\$319.04
10 Mbps	\$ 43.05	\$319.04
20 Mbps	\$ 86.10	\$319.04
50 Mbps	\$ 129.04	\$319.04
100 Mbps	\$ 207.39	\$319.04
250 Mbps	\$ 431.68	\$319.04
500 Mbps	\$ 668.25	\$478.56
750 Mbps	\$ 908.79	\$478.56
1 Gbps	\$1,152.14	\$478.56
2.5 Gbps	\$2,221.47	\$478.56
5 Gbps	\$3,374.69	\$478.56
10 Gbps	\$4,612.88	\$478.56

(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)

(1) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to fifty miles.

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$ 61.60	\$319.04
5 Mbps	\$ 79.95	\$319.04
10 Mbps	\$ 155.06	\$319.04
20 Mbps	\$ 294.56	\$319.04
50 Mbps	\$ 487.94	\$319.04
100 Mbps	\$ 689.25	\$319.04
250 Mbps	\$ 1,568.46	\$319.04
500 Mbps	\$ 2,148.86	\$478.56
750 Mbps	\$ 2,882.58	\$478.56
1 Gbps	\$ 3,649.00	\$478.56
2.5 Gbps	\$ 7,023.57	\$478.56
5 Gbps	\$10,674.10	\$478.56
10 Gbps	\$14,594.14	\$478.56

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)  
(Cont'd)

(2) Per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between fifty-one and seventy-five miles.

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$ 103.15	\$319.04
5 Mbps	\$ 163.31	\$319.04
10 Mbps	\$ 318.04	\$319.04
20 Mbps	\$ 429.78	\$319.04
50 Mbps	\$ 869.61	\$319.04
100 Mbps	\$ 1,060.09	\$319.04
250 Mbps	\$ 1,838.60	\$319.04
500 Mbps	\$ 2,517.72	\$478.56
750 Mbps	\$ 3,387.31	\$478.56
1 Gbps	\$ 4,306.61	\$478.56
2.5 Gbps	\$ 8,291.94	\$478.56
5 Gbps	\$12,596.45	\$478.56
10 Gbps	\$17,225.99	\$478.56

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions

## (1) DSL Access Service Connection

## (a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$116.72
5 Mbps	\$116.72
10 Mbps	\$116.72
20 Mbps	\$116.72
50 Mbps	\$116.72
100 Mbps	\$116.72
250 Mbps	\$116.72
500 Mbps	\$175.08
750 Mbps	\$175.08
1 Gbps	\$175.08
2.5 Gbps	\$175.08
5 Gbps	\$175.08
10 Gbps	\$175.08

## (b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$116.72
155.52 Mbps	\$175.08
622.08 Mbps	\$175.08

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(F) Optional Features and Functions (Cont'd)

## (1) DSL Access Service Connection (Cont'd)

## (c) Per ETS MM-VCC

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
Per 10 Mbps increment	\$3.24	\$5.45

## (d) Per ETS Design Change

<u>Nonrecurring Charge</u>
\$4.60

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)

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17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.3 Ethernet Transport Service (ETS) (Cont'd)(G) ETS Port Protection

- (a) Per feature when customer designated premises located within 300 feet of ETS SWC at speeds of:

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps to 1 Gbps	\$ 92.02	\$435.76
2.5 Gbps to 10 Gbps	\$229.88	\$435.76

- (b) Per feature when customer designated premises located more than 300 feet of ETS SWC at speeds of:

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps to 1 Gbps	\$211.91	\$435.76
2.5 Gbps to 10 Gbps	\$515.27	\$435.76

(H) ETS Term Discount Plan

<u>Term Commitment</u>	<u>Percentage</u>
36 Months	10%
60 Months	20%

(I) ETS Alternative Volume Discount Plan

<u>Number of Committed ETS Ports In-Service On Bill Date</u>	<u>Percentage</u>
0 to 4	0%
5 to 34	10%
35 and above	80%

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**ACCESS SERVICE**17. Rates and Charges - Twin Lakes Telephone Cooperative Corp. (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)17.4.8.4 Internet Protocol Gateway Access Service

Regulations concerning Internet Protocol Gateway Access Service are set forth in Section 16.9 of the JSI Tariff F.C.C. No. 1.

		Monthly Rate	Nonrecurring Charge
(A)	IPG Transport Termination Per Termination		
	- DS1 1.544 Mbps	\$ 220.30	\$264.00
	- DS3 44.736 Mbps	\$1,816.22	\$356.00
(B)	IPG Transport Mileage		
		<u>Monthly Rate</u>	
(1)	IPG Transport Mileage Facility Per Mile		
	- 1.544 Mbps	\$ 13.63	
	- 44.736 Mbps	\$118.71	
(2)	IPG Transport Mileage Termination Per Termination		
	- 1.544 Mbps	\$ 70.71	
	- 44.736 Mbps	\$454.06	
(C)	IPG Port Per Port		
	- 1.544 Mbps	\$ 70.71	
	- 44.736 Mbps	\$874.88	

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Transmittal No. 236

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Transmittal No. 236



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Transmittal No. 236

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JOHN STAURULAKIS, INC.

TARIFF F.C.C. NO. 1  
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**ACCESS SERVICE**

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Transmittal No. 236

Issued: January 19, 2021

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President  
7852 Walker Drive, Greenbelt, Maryland 20770

**ACCESS SERVICE**

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