

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates for the Telephone Company's End User Access Service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges

Rate

Tariff
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

\$579.65

17.2.2 Local Transport

Monthly
Rate

Premium Access

- Entrance Facility
Per Termination

6.1.3(A)(1)

- Voice Grade Two Wire \$ 28.01
- Voice Grade Four Wire \$ 44.83
- High Capacity DS1 \$ 136.58
- High Capacity DS3 \$1,247.13
- Optical Channel OC3 \$1,271.69
- Optical Channel OC12 \$1,357.76
- ESALT 2 Mbps \$ 241.92
- ESALT 10 Mbps \$ 260.75
- ESALT 50 Mbps \$ 337.82

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>
- <u>Direct Trunked Transport</u>		6.1.3(A)(2)
- <u>Direct Trunked Facility</u> Per Mile		
- Voice Grade	\$ 2.00	
- High Capacity DS1	\$ 9.35	
- High Capacity DS3	\$ 81.52	
- Optical Channel OC3	\$ 87.26	
- Optical Channel OC12	\$ 109.52	
- Per DTF-E1 Facility		
ESALT 2 Mbps	\$ 27.56	
ESALT 10 Mbps	\$ 69.89	
ESALT 50 Mbps	\$ 195.69	
- Per DTF-E2 Facility		
ESALT 2 Mbps	\$ 18.38	
ESALT 10 Mbps	\$ 41.94	
ESALT 50 Mbps	\$ 130.47	
- Per DTF-E3 Facility		
ESALT 2 Mbps	\$ 47.46	
ESALT 10 Mbps	\$ 119.47	
ESALT 50 Mbps	\$ 390.20	
- Per DTF-E4 Facility		
ESALT 2 Mbps	\$ 79.48	
ESALT 10 Mbps	\$ 245.05	
ESALT 50 Mbps	\$ 695.41	
- <u>Direct Trunked Termination</u> Per Termination		
- Voice Grade	\$ 20.06	
- High Capacity DS1	\$ 48.55	
- High Capacity DS3	\$ 311.77	
- Optical Channel OC3	\$ 324.63	
- Optical Channel OC12	\$ 706.81	
- ESALT 2 Mbps	\$ 64.32	
- ESALT 10 Mbps	\$ 78.63	
- ESALT 50 Mbps	\$ 96.10	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	<u>Monthly</u>	<u>Tariff</u>
17.2.2	<u>Local Transport</u> (Cont'd)	<u>Rate</u>	<u>Section</u>
			<u>Reference</u>
	<u>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$ 284.46	
	- DS1 to Voice	\$ 109.82	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
	- <u>Tandem Switched Facility</u>	\$0.000257	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.001332	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.003360	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.009782	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.003379	
	Vertical Feature	\$0.003735	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 5.26	
	ESALT 10 Mbps	\$ 26.32	
	ESALT 50 Mbps	\$ 81.92	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$169.46	
	ESALT 10 Mbps	\$169.46	
	ESALT 50 Mbps	\$169.46	

(N)

(N)

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ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

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	\$ 2.69
- Signaling Mileage Termination per Termination	\$ 27.00

Nonrecurring
Charge

- Signaling Entrance Facility per Facility	\$ 51.70	\$419.35
(2) STP Port		
- per port	\$266.46	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute	\$0.025761	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000700		(R)

Non-Premium

- Per Originating Access Minute	\$0.011592	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000315		(R)

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.031480	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

-Non-Premium

Per Originating 100 Access Minutes	\$0.014166	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.2	<u>Switched Access Service</u> (Cont'd)	<u>Assumed Minutes Per Month</u>	<u>Tariff Section Reference</u>
17.2.5	<u>Assumed Minutes of Use</u>		
(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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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	

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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	\$ 77.84 (R)	\$442.02 (R)	
- Four-Wire	\$124.56 (R)	\$442.02 (R)	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile	\$ 5.57		(R)
(2) Channel Mileage Termination Per Termination	\$55.74		(R)
(C) Optional Features and Functions			
(1) Bridging			
(a) <u>Voice Bridging</u> Per Port			
Two-Wire/Four-Wire			
- Two-Wire	\$ 9.40		(R)
- Four-Wire	\$ 9.40		(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (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	\$9.40	(R)
- Four-Wire	\$9.40	(R)
(c) <u>Telephoto Bridging</u> per port		
- Two-Wire	\$9.40	(R)
- Four-Wire	\$9.40	(R)

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ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(2)	Conditioning Per Termination		
	- C Type	\$13.79	(R)
	- Improved Attenuation Distortion*	None	
	- Improved Envelope Delay Distortion*	None	
	- Data Capability	\$12.25	(R)
	- Telephoto Capability	\$13.01	(R)
	- Sealing Current	None	
(3)	Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
	- Two-Wire	\$19.71	(R)
	- Four-Wire	\$19.71	(R)
(4)	Customer Specified Receive Level per two-wire termination	\$14.89	(R)

* 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 SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(5) Multiplexing Per arrangement Voice to Telegraph Grade	\$326.37	(R)
(6) Signaling Capability Per termination	\$ 31.56	(R)
(7) Selective Signaling Arrangement Per arrangement	\$ 9.40	(R)
(8) Transfer Arrangement (key activated* or dial up**)		
- Per four port arrangement including control channel termination***	\$ 4.50	(R)
- Per five port arrangement including control channel termination***	\$ 10.32	(R)
(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 - Highland Telephone Cooperative (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service

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

		<u>Monthly Rate</u>	<u>Daily* Rate</u>	<u>Nonrecurring 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination			
- 2.4 kbps	\$143.68 (R)	\$383.08	(R)
- 4.8 kbps	143.68 (R)	383.08	(R)
- 9.6 kbps	143.68 (R)	383.08	(R)
- 19.2 kbps	143.68 (R)	383.08	(R)
- 56.0 kbps	143.68 (R)	383.08	(R)
- 64.0 kbps	143.68 (R)	383.08	(R)
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile			
- 2.4 kbps	\$5.29		(R)
- 4.8 kbps	5.29		(R)
- 9.6 kbps	5.29		(R)
- 19.2 kbps	5.29		(R)
- 56.0 kbps	7.48		(R)
- 64.0 kbps	7.48		(R)
(2) Channel Mileage Termination Per Termination			
- 2.4 kbps	\$52.94		(R)
- 4.8 kbps	52.94		(R)
- 9.6 kbps	52.94		(R)
- 19.2 kbps	52.94		(R)
- 56.0 kbps	75.02		(R)
- 64.0 kbps	75.02		(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions		
(1) Bridging Per port	\$12.65	(R)
(2) Loop Transfer Arrangement Per four port arrangement* Key activated** or Dial-Up***	\$ 8.96	(R)
(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	\$44.81	(R)
- 4.8 kbps	44.81	(R)
- 9.6 kbps	44.81	(R)
- 56.0 kbps	44.81	(R)

* 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 SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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	\$ 358.24 (R)	\$324.15	(R)
- DS1C 3.152 Mbps	ICB	ICB	
- DS2 6.312 Mbps	ICB	ICB	
- DS3 44.736 Mbps	\$2,953.51 (R)	\$437.11	(R)
- DS4 274.176 Mbps	ICB	ICB	
(B) Channel Mileage			
	<u>Monthly Rate</u>		
(1) Channel Mileage Facility Per Mile			
- 1.544 Mbps	\$ 22.17		(R)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$193.06		(R)
- 274.176 Mbps	ICB		
(2) Channel Mileage Termination Per Termination			
- 1.544 Mbps	\$114.99		(R)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$738.37		(R)
- 274.176 Mbps	ICB		

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ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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	\$684.35	(R)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice*	282.44	(R)
	DS1 to DSO	282.44	(R)
	DSO to Subrates		
	- Up to 20 2.4 kbps services	\$675.24	(R)
	- Up to 10 4.8 kbps services	458.84	(R)
	- Up to 5 9.6 kbps services	406.88	(R)

* 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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ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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*	\$227.95		(R)
(3) Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$248.46		(R)
(E) Network Channel Terminating Equipment (NCTE) Per termination#			
- 1.544 Mbps	\$129.28		(R)
- Automatic Loop Transfer	519.44		(R)
(F) DSL Access Service Connection			
- per 1.544 Mbps	\$ 361.35	(R)	\$442.02 (R)
- per 44.736 Mbps	2,509.46	(R)	638.47 (R)

* 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 - Highland Telephone Cooperative (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)
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(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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.

		<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(A)	Channel Termination Per Termination				
	- OC3/OC3c 155.520 Mbps	\$3,015.58	(R)	\$353.62	(R)
	- OC12 622.08 Mbps	\$3,768.75	(R)	\$353.62	(R)
(B)	Channel Mileage Facility Per Mile				
	- OC3/OC3c 155.52 Mbps	\$ 206.92			(R)
	- OC12 622.08 Mbps	\$ 259.73			(R)
(C)	Channel Mileage Termination Per Termination				
	- OC3/OC3c 155.52 Mbps	\$ 769.77			(R)
	- OC12 622.08 Mbps	\$1,676.05			(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service (Cont'd)

(D) Optional Features and Functions

				<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(1)	Customer Node						
	Per Node						
	- OC3/OC3c	155.52	Mbps	\$ 700.24	(R)	\$628.65	(R)
	- OC12	622.08	Mbps	\$2,022.88	(R)	\$628.65	(R)
	Customer Premises Port						
	Per Port						
	- OC3/OC3c	155.52	Mbps	\$ 268.93	(R)	\$628.65	(R)
	- STS-1	51.84	Mbps	275.87	(R)	\$628.65	(R)
	- DS3	44.736	Mbps	275.87	(R)	\$628.65	(R)
	- DS1	1.544	Mbps	\$ 70.72	(R)	\$628.65	(R)
(2)	Add/Drop Multiplexing						
	Central Office Port						
	Per Port						
	- OC3/OC3c	155.52	Mbps	\$ 268.93			(R)
	- DS3	44.736	Mbps	141.45			(R)
	- DS1	1.544	Mbps	\$ 56.59			(R)
(E)	DSL Access Service Connection						
	- Per OC3/OC3c			\$4,396.55	(R)	\$1,178.72	(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services

17.4.1 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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Each Half Hour or Fraction Thereof

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

* 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(C) Additional Manual Testing - Switched Access

To First Point
of Switching

Additional Tests

Each Half Hour
or Fraction
Thereof

Tariff
Section
Reference

Gain-Slope,
C-Notched Noise and
any other agreed to
tests, per technician
forth in 17.4.3(C)
preceding

See the rates
for Additional
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing
- Special Access

Testing Periods

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)(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

	<u>Monthly Rate</u>	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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.5 Special Federal Government Access Services

(A)	<u>Voice Grade Secure Communications</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	<u>Termination 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)	<u>Wideband Digital Special Access Service</u>			
	<u>Wideband Secure 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		

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Connections			
(1) <u>Frame Relay Access Connection (FRAC)</u> (per FRAC)			
56.0 kbps	\$ 247.89 (R)	\$345.00	
64.0 kbps	\$ 247.89 (R)	\$345.00	
1.544 Mbps	\$ 527.29 (R)	\$345.00	
44.736 Mbps	\$3,913.56 (R)	\$345.00	
(2) <u>Frame Relay Inter-network Connection (FRIC)</u> (per FRIC)			
1.544 Mbps	\$ 527.29 (R)	\$345.00	
44.736 Mbps	\$3,913.56 (R)	\$345.00	
(3) <u>End User Port - Standard</u> (per port)			
56.0 kbps	\$ 101.08		(R)
64.0 kbps	\$ 101.08		(R)
1.544 Mbps	\$ 235.37		(R)
44.736 Mbps	\$1,792.79		(R)
(4) <u>Access Customer Port</u> (per port)			
1.544 Mbps	\$ 235.37		(R)
44.736 Mbps	\$1,792.79		(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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	\$7.22	(R)
16 kbps	\$7.22	(R)
28 kbps	\$8.65	(R)
32 kbps	\$8.65	(R)
56 kbps	\$10.12	(R)
64 kbps	\$10.12	(R)
128 kbps	\$12.97	(R)
192 kbps	\$17.33	(R)
256 kbps	\$20.22	(R)
384 kbps	\$28.89	(R)
512 kbps	\$40.43	(R)
768 kbps	\$51.99	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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	\$8.65	(R)
	16 kbps	\$8.65	(R)
	28 kbps	\$10.96	(R)
	32 kbps	\$10.96	(R)
	56 kbps	\$21.42	(R)
	64 kbps	\$21.42	(R)
	128 kbps	\$46.92	(R)
	192 kbps	\$63.15	(R)
	256 kbps	\$84.00	(R)
	384 kbps	\$134.52	(R)
	512 kbps	\$168.02	(R)
	768 kbps	\$251.52	(R)
			<u>Nonrecurring Charge</u>
(7)	PVC Installation Charge	\$62.87	(R)
(8)	PVC Rearrangement Charge	\$31.43	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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)	\$ 645.35	(R)	\$ 383.08	(R)
44.736 Mbps (DS3)	\$3,585.15	(R)	\$ 383.08	(R)
155.520 Mbps (OC3)	\$5,555.27	(R)	\$ 383.08	(R)
622.080 Mbps (OC12)	\$8,063.72	(R)	\$ 383.08	(R)

(2) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
10 Mbps	\$ 993.97	(R)	\$1,748.44	(R)
100 Mbps	\$1,875.77	(R)	\$1,748.44	(R)
1 Gbps	\$3,627.31	(R)	\$3,175.67	(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (Cont'd)

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 Path

<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
\$7.22	(R)	\$62.87	(R)

(2) Capacity charge, per Megabit of capacity
Per Path

Traffic 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	\$41.53 (R)	\$33.21 (R)	\$24.93 (R)	\$20.76 (R)
51 to 150 Mbps	\$37.37 (R)	\$29.06 (R)	\$20.76 (R)	\$16.61 (R)
Over 150 Mbps	\$29.06 (R)	\$20.76 (R)	\$16.61 (R)	\$12.45 (R)

(C) Virtual Circuit Channels

Per Virtual Circuit Channel

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
\$7.11 (R)	\$62.87 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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)	\$442.02 (R)
44.736 Mbps (DS3)	\$638.47 (R)
155.520 Mbps (OC3)	\$1,178.72 (R)
622.080 Mbps (OC12)	\$1,579.49 (R)

(b) Per Ethernet-based UNI or NNI Port

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
10 Mbps	\$442.02 (R)
100 Mbps	\$638.47 (R)
1 Gbps	\$1,579.49 (R)

(c) Per 1 Mbps DSL VCC

<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
\$42.59 (R)	\$62.87 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (Cont'd)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	\$2.74 (R)	\$6.88 (R)
Per 4 Mbps increment	\$5.30 (R)	

(e) Per MM-VCC Design Change

<u>Nonrecurring Charge</u>
\$5.89 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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)

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	\$ 78.45	(R)	\$289.77	(R)
5 Mbps	\$ 96.27	(R)	\$289.77	(R)
10 Mbps	\$ 111.18	(R)	\$289.77	(R)
20 Mbps	\$ 122.05	(R)	\$289.77	(R)
50 Mbps	\$ 141.12	(R)	\$289.77	(R)
100 Mbps	\$ 156.79	(R)	\$289.77	(R)
250 Mbps	\$ 223.30	(R)	\$289.77	(R)
500 Mbps	\$ 292.68	(R)	\$434.16	(R)
750 Mbps	\$ 340.11	(R)	\$434.16	(R)
1 Gbps	\$ 389.35	(R)	\$434.16	(R)
2.5 Gbps	\$ 752.56	(R)	\$434.16	(R)
5 Gbps	\$1,142.62	(R)	\$434.16	(R)
10 Gbps	\$1,560.21	(R)	\$434.16	(R)

- (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	\$ 296.49	(R)	\$289.77	(R)
5 Mbps	\$ 299.75	(R)	\$289.77	(R)
10 Mbps	\$ 304.02	(R)	\$289.77	(R)
20 Mbps	\$ 343.94	(R)	\$289.77	(R)
50 Mbps	\$ 388.80	(R)	\$289.77	(R)
100 Mbps	\$ 406.84	(R)	\$289.77	(R)
250 Mbps	\$ 424.87	(R)	\$289.77	(R)
500 Mbps	\$ 562.09	(R)	\$434.16	(R)
750 Mbps	\$ 646.56	(R)	\$434.16	(R)
1 Gbps	\$ 749.43	(R)	\$434.16	(R)
2.5 Gbps	\$1,445.99	(R)	\$434.16	(R)
5 Gbps	\$2,196.14	(R)	\$434.16	(R)
10 Gbps	\$3,000.54	(R)	\$434.16	(R)

Transmittal No. 224

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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)(B) Ports

(1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
2 Mbps	\$ 107.37	(R)	\$254.41	(R)
5 Mbps	\$ 118.87	(R)	\$254.41	(R)
10 Mbps	\$ 131.26	(R)	\$254.41	(R)
20 Mbps	\$ 145.83	(R)	\$254.41	(R)
50 Mbps	\$ 154.57	(R)	\$254.41	(R)
100 Mbps	\$ 168.63	(R)	\$254.41	(R)
250 Mbps	\$ 232.76	(R)	\$254.41	(R)
500 Mbps	\$ 295.11	(R)	\$381.12	(R)
750 Mbps	\$ 373.17	(R)	\$381.12	(R)
1 Gbps	\$ 449.67	(R)	\$381.12	(R)
2.5 Gbps	\$ 863.64	(R)	\$381.12	(R)
5 Gbps	\$1,312.74	(R)	\$381.12	(R)
10 Gbps	\$1,796.39	(R)	\$381.12	(R)

(2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
44.736 Mbps	\$1,750.08	(R)	\$171.90	(R)
155.52 Mbps	\$2,100.09	(R)	\$257.35	(R)
622.08 Mbps	\$3,500.16	(R)	\$257.35	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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)(C) ETS Ethernet Virtual Connections (EVCs)

(1) Per Intraswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
5 Mbps	\$0.00	\$201.36	(R)
10 Mbps	\$0.00	\$201.36	(R)
20 Mbps	\$0.00	\$201.36	(R)
50 Mbps	\$0.00	\$201.36	(R)
100 Mbps	\$0.00	\$201.36	(R)
250 Mbps	\$0.00	\$201.36	(R)
500 Mbps	\$0.00	\$301.56	(R)
750 Mbps	\$0.00	\$301.56	(R)
1 Gbps	\$0.00	\$301.56	(R)

(2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
2 Mbps	\$ 46.03 (R)	\$201.36	(R)
5 Mbps	\$ 62.22 (R)	\$201.36	(R)
10 Mbps	\$ 116.67 (R)	\$201.36	(R)
20 Mbps	\$ 233.34 (R)	\$201.36	(R)
50 Mbps	\$ 314.76 (R)	\$201.36	(R)
100 Mbps	\$ 502.11 (R)	\$201.36	(R)
250 Mbps	\$ 1,034.50 (R)	\$201.36	(R)
500 Mbps	\$ 1,723.71 (R)	\$301.56	(R)
750 Mbps	\$ 2,290.67 (R)	\$301.56	(R)
1 Gbps	\$ 2,997.75 (R)	\$301.56	(R)
2.5 Gbps	\$ 5,774.08 (R)	\$301.56	(R)
5 Gbps	\$ 8,774.63 (R)	\$301.56	(R)
10 Gbps	\$12,002.20 (R)	\$301.56	(R)

Transmittal No. 224

Issued: June 17, 2019

Effective: July 2, 2019

President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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)(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	\$30.67	(R)	\$402.73	(R)
5 Mbps	\$38.87	(R)	\$402.73	(R)
10 Mbps	\$70.00	(R)	\$402.73	(R)
20 Mbps	\$140.01	(R)	\$402.73	(R)
50 Mbps	\$209.85	(R)	\$402.73	(R)
100 Mbps	\$337.25	(R)	\$402.73	(R)
250 Mbps	\$701.98	(R)	\$402.73	(R)
500 Mbps	\$1,086.70	(R)	\$604.09	(R)
750 Mbps	\$1,477.86	(R)	\$604.09	(R)
1 Gbps	\$1,873.58	(R)	\$604.09	(R)
2.5 Gbps	\$3,612.51	(R)	\$604.09	(R)
5 Gbps	\$5,487.84	(R)	\$604.09	(R)
10 Gbps	\$7,501.37	(R)	\$604.09	(R)

(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	\$68.03	(R)	\$402.73	(R)
5 Mbps	\$88.30	(R)	\$402.73	(R)
10 Mbps	\$171.26	(R)	\$402.73	(R)
20 Mbps	\$325.33	(R)	\$402.73	(R)
50 Mbps	\$538.91	(R)	\$402.73	(R)
100 Mbps	\$761.26	(R)	\$402.73	(R)
250 Mbps	\$1,732.31	(R)	\$402.73	(R)
500 Mbps	\$2,373.34	(R)	\$604.09	(R)
750 Mbps	\$3,183.71	(R)	\$604.09	(R)
1 Gbps	\$4,030.20	(R)	\$604.09	(R)
2.5 Gbps	\$7,757.30	(R)	\$604.09	(R)
5 Gbps	\$11,789.19	(R)	\$604.09	(R)
10 Gbps	\$16,118.74	(R)	\$604.09	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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)(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	\$113.93	(R)	\$402.73	(R)
5 Mbps	\$180.37	(R)	\$402.73	(R)
10 Mbps	\$351.27	(R)	\$402.73	(R)
20 Mbps	\$474.68	(R)	\$402.73	(R)
50 Mbps	\$960.46	(R)	\$402.73	(R)
100 Mbps	\$1,170.84	(R)	\$402.73	(R)
250 Mbps	\$2,030.67	(R)	\$402.73	(R)
500 Mbps	\$2,780.74	(R)	\$604.09	(R)
750 Mbps	\$3,741.18	(R)	\$604.09	(R)
1 Gbps	\$4,500.75	(R)	\$604.09	(R)
2.5 Gbps	\$9,158.18	(R)	\$604.09	(R)
5 Gbps	\$13,912.36	(R)	\$604.09	(R)
10 Gbps	\$19,025.54	(R)	\$604.09	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$147.34 (R)
5 Mbps	\$147.34 (R)
10 Mbps	\$147.34 (R)
20 Mbps	\$147.34 (R)
50 Mbps	\$147.34 (R)
100 Mbps	\$147.34 (R)
250 Mbps	\$147.34 (R)
500 Mbps	\$221.01 (R)
750 Mbps	\$221.01 (R)
1 Gbps	\$221.01 (R)
2.5 Gbps	\$221.01 (R)
5 Gbps	\$221.01 (R)
10 Gbps	\$221.01 (R)

(b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$150.00
155.52 Mbps	\$225.00
622.08 Mbps	\$225.00

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Highland Telephone Cooperative (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>
		\$7.00
Per 10 Mbps increment	\$5.02 (R)	

(d) Per ETS Design Change

Nonrecurring Charge

\$6.00

(e) Per ETS LBR-VCC

	<u>Monthly Rate</u>	<u>Nonrecurring Charge Per LBR-VCC</u>
Per 64 Kbps	\$0.57 (R)	\$7.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Highland Telephone Cooperative (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)(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	\$101.64	(R)	\$560.00
2.5 Gbps to 10 Gbps	\$253.90	(R)	\$560.00

(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	\$234.05	(R)	\$560.00
2.5 Gbps to 10 Gbps	\$569.10	(R)	\$560.00

(H) ETS Term Discount Plan

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

(I) ETS Volume Discount Plan

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

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates for the Telephone Company's End User Access Service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges

Rate

Tariff
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

\$579.65

17.2.2 Local Transport

Monthly
Rate

Premium Access

- Entrance Facility
Per Termination

6.1.3(A)(1)

-	Voice Grade Two Wire	\$ 210.19
-	Voice Grade Four Wire	\$ 336.36
-	High Capacity DS1	\$ 1,024.74
-	High Capacity DS3	\$ 9,356.58
-	Optical Channel OC3	\$ 9,540.93
-	Optical Channel OC12	\$10,186.61
-	ESALT 2 Mbps	\$ 1,815.00
-	ESALT 10 Mbps	\$ 1,956.21
-	ESALT 50 Mbps	\$ 2,534.41

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)

	<u>Monthly Rate</u>	<u>Tariff Section Reference</u>
- <u>Direct Trunked Transport</u>		6.1.3(A)(2)
- <u>Direct Trunked Facility</u> Per Mile		
- Voice Grade	\$ 14.95	
- High Capacity DS1	\$ 70.21	
- High Capacity DS3	\$ 611.58	
- Optical Channel OC3	\$ 654.66	
- Optical Channel OC12	\$ 821.72	
- Per DTF-E1 Facility		
ESALT 2 Mbps	\$ 206.78	
ESALT 10 Mbps	\$ 524.32	
ESALT 50 Mbps	\$1,468.15	
- Per DTF-E2 Facility		
ESALT 2 Mbps	\$ 137.88	
ESALT 10 Mbps	\$ 314.64	
ESALT 50 Mbps	\$ 978.84	
- Per DTF-E3 Facility		
ESALT 2 Mbps	\$ 205.30	
ESALT 10 Mbps	\$ 516.78	
ESALT 50 Mbps	\$1,687.79	
- Per DTF-E4 Facility		
ESALT 2 Mbps	\$ 343.79	
ESALT 10 Mbps	\$1,059.97	
ESALT 50 Mbps	\$3,007.95	
- <u>Direct Trunked Termination</u> Per Termination		
- Voice Grade	\$ 150.47	
- High Capacity DS1	\$ 364.26	
- High Capacity DS3	\$2,339.09	
- Optical Channel OC3	\$2,435.48	
- Optical Channel OC12	\$5,302.81	
- ESALT 2 Mbps	\$ 482.52	
- ESALT 10 Mbps	\$ 589.91	
- ESALT 50 Mbps	\$ 720.97	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	<u>Monthly</u>	<u>Tariff</u>
17.2.2	<u>Local Transport</u> (Cont'd)	<u>Rate</u>	<u>Section</u>
			<u>Reference</u>
	<u>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$2,134.15	
	- DS1 to Voice	\$ 823.98	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
	- <u>Tandem Switched Facility</u>	\$0.001110	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.005762	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.014534	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.042311	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.014616	
	Vertical Feature	\$0.016155	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 39.49	
	ESALT 10 Mbps	\$197.48	
	ESALT 50 Mbps	\$614.45	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$733.00	
	ESALT 10 Mbps	\$733.00	
	ESALT 50 Mbps	\$733.00	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.2 Switched Access Service (Cont'd)

(A) Common Channel Signaling
Network Connection

(1) Signaling Network Access Link

	<u>Rate</u>	
- Signaling Mileage Facility per mile	\$ 20.18	
- Signaling Mileage Termination per Termination	\$202.55	

Nonrecurring
Charge

- Signaling Entrance Facility per Facility	\$387.95	\$419.35
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(2) STP Port

- per port	\$1,999.09	
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(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute	\$0.123809	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000700		(R)

Non-Premium

- Per Originating Access Minute	\$0.055714	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000315		(R)

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.136163	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

-Non-Premium

Per Originating 100 Access Minutes	\$0.061274	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

|

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.2	<u>Switched Access Service</u> (Cont'd)	Assumed Minutes Per Month	Tariff Section Reference
17.2.5	<u>Assumed Minutes of Use</u>		
(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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)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	\$ 64.53 (I)	\$450.00	
- Four-Wire	\$103.24 (I)	\$450.00	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile	\$ 4.61		(I)
(2) Channel Mileage Termination Per Termination	\$ 46.20		(I)
(C) Optional Features and Functions			
(1) Bridging			
(a) <u>Voice Bridging</u> Per Port			
Two-Wire/Four-Wire			
- Two-Wire	\$ 7.79		(I)
- Four-Wire	\$ 7.79		(I)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(b) Data Bridging
 Per Port

- Two-Wire \$7.79 (I)

- Four-Wire \$7.79 (I)

(c) Telephoto Bridging
 per port

- Two-Wire \$7.79 (I)

- Four-Wire \$7.79 (I)

Monthly
Rate

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(2) Conditioning Per Termination		
- C Type	\$11.43	(I)
- Improved Attenuation Distortion*	None	
- Improved Envelope Delay Distortion*	None	
- Data Capability	\$10.16	(I)
- Telephoto Capability	\$10.79	(I)
- Sealing Current	None	
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
- Two-Wire	\$16.34	(I)
- Four-Wire	\$16.34	(I)
(4) Customer Specified Receive Level per two-wire termination	\$12.35	(I)

* 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.

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	\$270.52	(I)
(6)	Signaling Capability Per termination	\$ 26.15	(I)
(7)	Selective Signaling Arrangement Per arrangement	\$ 7.79	(I)
(8)	Transfer Arrangement (key activated* or dial up**)		
-	Per four port arrangement including control channel termination***	\$ 3.72	(I)
-	Per five port arrangement including control channel termination***	\$ 8.55	(I)
(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.

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)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.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination			
- 2.4 kbps	\$119.09 (I)	\$390.00	
- 4.8 kbps	119.09 (I)	390.00	
- 9.6 kbps	119.09 (I)	390.00	
- 19.2 kbps	119.09 (I)	390.00	
- 56.0 kbps	119.09 (I)	390.00	
- 64.0 kbps	119.09 (I)	390.00	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile			
- 2.4 kbps	\$4.38		(I)
- 4.8 kbps	4.38		(I)
- 9.6 kbps	4.38		(I)
- 19.2 kbps	4.38		(I)
- 56.0 kbps	6.20		(I)
- 64.0 kbps	6.20		(I)
(2) Channel Mileage Termination Per Termination			
- 2.4 kbps	\$43.88		(I)
- 4.8 kbps	43.88		(I)
- 9.6 kbps	43.88		(I)
- 19.2 kbps	43.88		(I)
- 56.0 kbps	62.18		(I)
- 64.0 kbps	62.18		(I)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions		
(1) Bridging Per port	\$10.48	(I)
(2) Loop Transfer Arrangement Per four port arrangement* Key activated** or Dial-Up***	\$ 7.42	(I)
(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	\$37.14	(I)
- 4.8 kbps	37.14	(I)
- 9.6 kbps	37.14	(I)
- 56.0 kbps	37.14	(I)

* 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.

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)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	\$ 296.95	(I) \$330.00	
- DS1C 3.152 Mbps	ICB	ICB	
- DS2 6.312 Mbps	ICB	ICB	
- DS3 44.736 Mbps	\$2,448.12	(I) \$445.00	
- DS4 274.176 Mbps	ICB	ICB	
(B) Channel Mileage			
		<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile			
- 64 Kbps	\$ 6.20		(I)
- 1.544 Mbps	18.39		(I)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	160.03		(I)
- 274.176 Mbps	ICB		
(2) Channel Mileage Termination Per Termination			
- 64 Kbps	\$ 62.18		(I)
- 1.544 Mbps	95.32		(I)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$612.03		(I)
- 274.176 Mbps	ICB		

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)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	\$567.25	(I)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice*	234.11	(I)
	DS1 to DSO	234.11	(I)
	DSO to Subrates		
	- Up to 20 2.4 kbps services	\$559.71	(I)
	- Up to 10 4.8 kbps services	380.32	(I)
	- Up to 5 9.6 kbps services	337.25	(I)

* 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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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)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*	\$188.96	(I)
(3) Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$205.95	(I)
(E) Network Channel Terminating Equipment (NCTE) Per termination#		
- 1.544 Mbps	\$107.17	(I)
- Automatic Loop Transfer	430.56	(I)
(F) DSL Access Service Connection		
- per 1.544 Mbps	\$ 299.52	(I) \$450.00
- per 44.736 Mbps	2,080.05	(I) 650.00

* 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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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services

17.4.1 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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Each Half Hour or Fraction Thereof

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

* 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(C) Additional Manual Testing - Switched Access

To First Point
of Switching

Additional Tests

Each Half Hour
or Fraction
Thereof

Tariff
Section
Reference

Gain-Slope,
C-Notched Noise and
any other agreed to
tests, per technician
forth in 17.4.3(C)
preceding

See the rates
for Additional
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing
- Special Access

Testing Periods

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)(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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

	<u>Monthly Rate</u>	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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

- 17. Rates and Charges - Industry Telephone Company (Cont'd) (N)
- 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 \$3.00 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

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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

(A)	<u>Voice Grade Secure Communications</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charges</u>	<u>Termination 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)	<u>Wideband Digital Special Access Service</u>			
	<u>Wideband Secure 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	

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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)

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	\$ 65.04	(I)	\$295.00
5 Mbps	\$ 79.80	(I)	\$295.00
10 Mbps	\$ 92.16	(I)	\$295.00
20 Mbps	\$ 101.17	(I)	\$295.00
50 Mbps	\$ 116.96	(I)	\$295.00
100 Mbps	\$ 129.97	(I)	\$295.00
250 Mbps	\$ 185.09	(I)	\$295.00
500 Mbps	\$ 242.60	(I)	\$442.00
750 Mbps	\$ 281.92	(I)	\$442.00
1 Gbps	\$ 322.73	(I)	\$442.00
2.5 Gbps	\$ 623.80	(I)	\$442.00
5 Gbps	\$ 947.11	(I)	\$442.00
10 Gbps	\$1,293.24	(I)	\$442.00

- (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	\$ 245.76	(I)	\$295.00
5 Mbps	\$ 248.46	(I)	\$295.00
10 Mbps	\$ 252.00	(I)	\$295.00
20 Mbps	\$ 285.08	(I)	\$295.00
50 Mbps	\$ 322.27	(I)	\$295.00
100 Mbps	\$ 337.21	(I)	\$295.00
250 Mbps	\$ 352.17	(I)	\$295.00
500 Mbps	\$ 465.91	(I)	\$442.00
750 Mbps	\$ 535.92	(I)	\$442.00
1 Gbps	\$ 621.20	(I)	\$442.00
2.5 Gbps	\$1,198.57	(I)	\$442.00
5 Gbps	\$1,820.35	(I)	\$442.00
10 Gbps	\$2,487.10	(I)	\$442.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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)(B) Ports

(1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
2 Mbps	\$ 88.99	(I)	\$259.00
5 Mbps	\$ 98.53	(I)	\$259.00
10 Mbps	\$ 108.80	(I)	\$259.00
20 Mbps	\$ 120.88	(I)	\$259.00
50 Mbps	\$ 128.12	(I)	\$259.00
100 Mbps	\$ 139.77	(I)	\$259.00
250 Mbps	\$ 192.93	(I)	\$259.00
500 Mbps	\$ 244.61	(I)	\$388.00
750 Mbps	\$ 309.33	(I)	\$388.00
1 Gbps	\$ 372.73	(I)	\$388.00
2.5 Gbps	\$ 715.87	(I)	\$388.00
5 Gbps	\$1,088.11	(I)	\$388.00
10 Gbps	\$1,488.99	(I)	\$388.00

(2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
44.736 Mbps	\$1,450.62	(I)	\$175.00
155.52 Mbps	\$1,740.74	(I)	\$262.00
622.08 Mbps	\$2,901.24	(I)	\$262.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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)(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	\$205.00
5 Mbps	\$0.00	\$205.00
10 Mbps	\$0.00	\$205.00
20 Mbps	\$0.00	\$205.00
50 Mbps	\$0.00	\$205.00
100 Mbps	\$0.00	\$205.00
250 Mbps	\$0.00	\$205.00
500 Mbps	\$0.00	\$307.00
750 Mbps	\$0.00	\$307.00
1 Gbps	\$0.00	\$307.00
2.5 Gbps	\$0.00	\$307.00
5 Gbps	\$0.00	\$307.00
10 Gbps	\$0.00	\$307.00

(2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
2 Mbps	\$ 38.15	(I)	\$205.00
5 Mbps	\$ 51.75	(I)	\$205.00
10 Mbps	\$ 96.71	(I)	\$205.00
20 Mbps	\$ 193.41	(I)	\$205.00
50 Mbps	\$ 260.90	(I)	\$205.00
100 Mbps	\$ 416.19	(I)	\$205.00
250 Mbps	\$ 857.49	(I)	\$205.00
500 Mbps	\$1,428.76	(I)	\$307.00
750 Mbps	\$1,898.70	(I)	\$307.00
1 Gbps	\$2,484.80	(I)	\$307.00
2.5 Gbps	\$4,786.06	(I)	\$307.00
5 Gbps	\$7,273.17	(I)	\$307.00
10 Gbps	\$9,217.84	(I)	\$307.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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)(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	\$ 25.43	(I)	\$410.00
5 Mbps	\$ 32.22	(I)	\$410.00
10 Mbps	\$ 58.02	(I)	\$410.00
20 Mbps	\$ 116.05	(I)	\$410.00
50 Mbps	\$ 173.94	(I)	\$410.00
100 Mbps	\$ 279.55	(I)	\$410.00
250 Mbps	\$ 581.87	(I)	\$410.00
500 Mbps	\$ 900.75	(I)	\$615.00
750 Mbps	\$1,224.98	(I)	\$615.00
1 Gbps	\$1,552.98	(I)	\$615.00
2.5 Gbps	\$2,994.34	(I)	\$615.00
5 Gbps	\$4,548.80	(I)	\$615.00
10 Gbps	\$6,217.79	(I)	\$615.00

(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	\$ 51.73	(I)	\$410.00
5 Mbps	\$ 67.15	(I)	\$410.00
10 Mbps	\$ 130.23	(I)	\$410.00
20 Mbps	\$ 247.40	(I)	\$410.00
50 Mbps	\$ 409.82	(I)	\$410.00
100 Mbps	\$ 578.89	(I)	\$410.00
250 Mbps	\$ 1,317.33	(I)	\$410.00
500 Mbps	\$ 1,804.79	(I)	\$615.00
750 Mbps	\$ 2,421.04	(I)	\$615.00
1 Gbps	\$ 3,064.75	(I)	\$615.00
2.5 Gbps	\$ 5,899.02	(I)	\$615.00
5 Gbps	\$ 8,965.04	(I)	\$615.00
10 Gbps	\$12,257.43	(I)	\$615.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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)(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	\$ 86.64	(I)	\$410.00
5 Mbps	\$ 137.16	(I)	\$410.00
10 Mbps	\$ 267.12	(I)	\$410.00
20 Mbps	\$ 360.97	(I)	\$410.00
50 Mbps	\$ 730.38	(I)	\$410.00
100 Mbps	\$ 890.35	(I)	\$410.00
250 Mbps	\$ 1,544.22	(I)	\$410.00
500 Mbps	\$ 2,114.60	(I)	\$615.00
750 Mbps	\$ 2,844.96	(I)	\$615.00
1 Gbps	\$ 3,617.08	(I)	\$615.00
2.5 Gbps	\$ 6,964.30	(I)	\$615.00
5 Gbps	\$10,579.60	(I)	\$615.00
10 Gbps	\$14,467.89	(I)	\$615.00

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Industry Telephone Company (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

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$150.00
5 Mbps	\$150.00
10 Mbps	\$150.00
20 Mbps	\$150.00
50 Mbps	\$150.00
100 Mbps	\$150.00
250 Mbps	\$150.00
500 Mbps	\$225.00
750 Mbps	\$225.00
1 Gbps	\$225.00
2.5 Gbps	\$225.00
5 Gbps	\$225.00
10 Gbps	\$225.00

(b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$150.00
155.52 Mbps	\$225.00
622.08 Mbps	\$225.00

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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	\$4.09 (I)	\$7.00

(d) Per ETS Design Change

<u>Nonrecurring Charge</u>
\$6.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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)(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	\$ 77.28	(I)	\$560.00
2.5 Gbps to 10 Gbps	\$193.08	(I)	\$560.00

(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	\$177.98	(I)	\$560.00
2.5 Gbps to 10 Gbps	\$432.77	(I)	\$560.00

(H) ETS Term Discount Plan

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

(I) ETS Volume Discount Plan

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

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Industry Telephone Company (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.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) IPG Transport Termination Per Termination			
- DS1 1.544 Mbps	\$ 296.95 (I)	\$330.00	
- DS3 44.736 Mbps	\$2,448.11 (I)	\$445.00	
(B) IPG Transport Mileage			
		<u>Monthly Rate</u>	
(1) IPG Transport Mileage Facility Per Mile			
- 1.544 Mbps	\$ 18.39		(I)
- 44.736 Mbps	\$160.03		(I)
(2) IPG Transport Mileage Termination Per Termination			
- 1.544 Mbps	\$ 95.32		(I)
- 44.736 Mbps	\$612.03		(I)
(C) IPG Port Per Port			
- 1.544 Mbps	\$ 95.32		(I)
- 44.736 Mbps	\$1,179.28		(I)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc.

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.

(N)
|
(N)

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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

\$579.65

17.2.2 Local TransportMonthly
RatePremium Access- Entrance Facility
Per Termination

6.1.3(A)(1)

- Voice Grade Two Wire	\$ 26.58
- Voice Grade Four Wire	\$ 42.54
- High Capacity DS1	\$ 129.61
- High Capacity DS3	\$1,183.42
- Optical Channel OC3	\$1,206.73
- Optical Channel OC12	\$1,288.40
- ESALT 2 Mbps	\$ 229.56
- ESALT 10 Mbps	\$ 247.43
- ESALT 50 Mbps	\$ 320.56

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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</u> <u>Reference</u>
- <u>Direct Trunked Transport</u>		6.1.3(A)(2)
- <u>Direct Trunked Facility</u>		
Per Mile		
- Voice Grade	\$ 1.90	
- High Capacity DS1	\$ 8.88	
- High Capacity DS3	\$ 77.36	
- Optical Channel OC3	\$ 82.80	
- Optical Channel OC12	\$ 103.93	
- Per DTF-E1 Facility		
ESALT 2 Mbps	\$ 26.15	
ESALT 10 Mbps	\$ 66.32	
ESALT 50 Mbps	\$ 185.69	
- Per DTF-E2 Facility		
ESALT 2 Mbps	\$ 17.44	
ESALT 10 Mbps	\$ 39.80	
ESALT 50 Mbps	\$ 123.81	
- Per DTF-E3 Facility		
ESALT 2 Mbps	\$ 45.04	
ESALT 10 Mbps	\$ 113.37	
ESALT 50 Mbps	\$ 370.27	
- Per DTF-E4 Facility		
ESALT 2 Mbps	\$ 75.42	
ESALT 10 Mbps	\$ 232.54	
ESALT 50 Mbps	\$ 659.89	
- <u>Direct Trunked Termination</u>		
Per Termination		
- Voice Grade	\$ 19.03	
- High Capacity DS1	\$ 46.07	
- High Capacity DS3	\$ 295.85	
- Optical Channel OC3	\$ 308.04	
- Optical Channel OC12	\$ 670.70	
- ESALT 2 Mbps	\$ 61.04	
- ESALT 10 Mbps	\$ 74.61	
- ESALT 50 Mbps	\$ 91.19	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	<u>Monthly</u>	<u>Tariff</u>
17.2.2	<u>Local Transport</u> (Cont'd)	<u>Rate</u>	<u>Section</u>
			<u>Reference</u>
	<u>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$ 269.93	
	- DS1 to Voice	\$ 104.21	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
	- <u>Tandem Switched Facility</u>	\$0.000114	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.000592	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.001494	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.009282	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.003207	
	Vertical Feature	\$0.003544	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 5.00	
	ESALT 10 Mbps	\$ 24.98	
	ESALT 50 Mbps	\$ 77.74	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$160.81	
	ESALT 10 Mbps	\$160.81	
	ESALT 50 Mbps	\$160.81	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

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	\$ 2.55
- Signaling Mileage Termination per Termination	\$ 25.62

Nonrecurring
Charge

- Signaling Entrance Facility per Facility	\$ 49.06	\$419.35
(2) STP Port		
- per port	\$252.85	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute	\$0.010865	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000700		(R)

Non-Premium

- Per Originating Access Minute	\$0.004889	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000315		(R)

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.029872	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

-Non-Premium

Per Originating 100 Access Minutes	\$0.013442	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.2	<u>Switched Access Service</u> (Cont'd)	Assumed Minutes Per Month	Tariff Section Reference
17.2.5	<u>Assumed Minutes of Use</u>		
(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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)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	\$16.63 (R)	\$229.21	(R)
- Four-Wire	\$26.60 (R)	\$229.21	(R)
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile	\$ 1.19		(R)
(2) Channel Mileage Termination Per Termination	\$11.91		(R)
(C) Optional Features and Functions			
(1) Bridging			
(a) <u>Voice Bridging</u> Per Port			
Two-Wire/Four-Wire			
- Two-Wire	\$ 2.00		(R)
- Four-Wire	\$ 2.00		(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (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	\$2.00 (R)
- Four-Wire	\$2.00 (R)
(c) <u>Telephoto Bridging</u> per port	
- Two-Wire	\$2.00 (R)
- Four-Wire	\$2.00 (R)

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(2) Conditioning Per Termination		
- C Type	\$2.95	(R)
- Improved Attenuation Distortion*	None	
- Improved Envelope Delay Distortion*	None	
- Data Capability	\$2.62	(R)
- Telephoto Capability	\$2.78	(R)
- Sealing Current	None	
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
- Two-Wire	\$4.21	(R)
- Four-Wire	\$4.21	(R)
(4) Customer Specified Receive Level per two-wire termination	\$3.18	(R)

* 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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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	\$ 69.71	(R)
(6)	Signaling Capability Per termination	\$ 6.74	(R)
(7)	Selective Signaling Arrangement Per arrangement	\$ 2.00	(R)
(8)	Transfer Arrangement (key activated* or dial up**)		
-	Per four port arrangement including control channel termination***	\$ 0.96	(R)
-	Per five port arrangement including control channel termination***	\$ 2.21	(R)
(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 - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

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ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

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ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)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.

	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination				
- 2.4 kbps	\$30.68	(R)	\$198.65	(R)
- 4.8 kbps	30.68	(R)	198.65	(R)
- 9.6 kbps	30.68	(R)	198.65	(R)
- 19.2 kbps	30.68	(R)	198.65	(R)
- 56.0 kbps	30.68	(R)	198.65	(R)
- 64.0 kbps	30.68	(R)	198.65	(R)
(B) Channel Mileage				
(1) Channel Mileage Facility Per Mile				
- 2.4 kbps	\$1.13			(R)
- 4.8 kbps	1.13			(R)
- 9.6 kbps	1.13			(R)
- 19.2 kbps	1.13			(R)
- 56.0 kbps	1.60			(R)
- 64.0 kbps	1.60			(R)
(2) Channel Mileage Termination Per Termination				
- 2.4 kbps	\$11.31			(R)
- 4.8 kbps	11.31			(R)
- 9.6 kbps	11.31			(R)
- 19.2 kbps	11.31			(R)
- 56.0 kbps	16.02			(R)
- 64.0 kbps	16.02			(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions		
(1) Bridging Per port	\$ 2.70	(R)
(2) Loop Transfer Arrangement Per four port arrangement* Key activated** or Dial-Up***	\$ 1.92	(R)
(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	\$ 9.57	(R)
- 4.8 kbps	9.57	(R)
- 9.6 kbps	9.57	(R)
- 56.0 kbps	9.57	(R)

* 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 SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)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	\$ 76.51	(R) \$168.09	(R)
- DS1C 3.152 Mbps	ICB	ICB	
- DS2 6.312 Mbps	ICB	ICB	
- DS3 44.736 Mbps	\$630.78	(R) \$226.67	(R)
- DS4 274.176 Mbps	ICB	ICB	
(B) Channel Mileage			
		<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile			
- 64 Kbps		\$ 1.60	(R)
- 1.544 Mbps		\$ 4.73	(R)
- 3.152 Mbps		ICB	
- 6.312 Mbps		ICB	
- 44.736 Mbps		\$41.23	(R)
- 274.176 Mbps		ICB	
(2) Channel Mileage Termination Per Termination			
- 64 Kbps		\$ 16.02	(R)
- 1.544 Mbps		\$ 24.56	(R)
- 3.152 Mbps		ICB	
- 6.312 Mbps		ICB	
- 44.736 Mbps		\$ 157.70	(R)
- 274.176 Mbps		ICB	

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)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	\$146.16	(R)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice*	60.32	(R)
	DS1 to DSO	60.32	(R)
	DSO to Subrates		
	- Up to 20 2.4 kbps services	\$144.21	(R)
	- Up to 10 4.8 kbps services	97.99	(R)
	- Up to 5 9.6 kbps services	86.90	(R)

* 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.

Transmittal No. 224

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)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*	\$48.69		(R)
(3) Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$53.07		(R)
(E) Network Channel Terminating Equipment (NCTE) Per termination#			
- 1.544 Mbps	\$ 27.61		(R)
- Automatic Loop Transfer	110.93		(R)
(F) DSL Access Service Connection			
- per 1.544 Mbps	\$ 77.17	(R)	\$214.97 (R)
- per 44.736 Mbps	535.96	(R)	310.52 (R)

* 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.

Transmittal No. 224

Issued: June 17, 2019

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Each Half Hour or Fraction Thereof

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

* 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(C) Additional Manual Testing - Switched Access

To First Point
of Switching

Additional Tests

Each Half Hour
or Fraction
Thereof

Tariff
Section
Reference

Gain-Slope,
C-Notched Noise and
any other agreed to
tests, per technician
forth in 17.4.3(C)
preceding

See the rates
for Additional
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing
- Special Access

Testing Periods

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)(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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
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(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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
-----------------------------	---------	-------

(M) Coin Supervision
Additive Service

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)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	(R)
--	------------------	-----

(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	
--	------------------	--

Transmittal No. 216

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.5 Special Federal Government Access Services

(A)	Voice Grade Secure <u>Communications</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charges</u>	Termination <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>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	Termination <u>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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

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ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

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ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

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(D)

Transmittal No. 221

Issued: March 1, 2019

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ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

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ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

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ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)

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	\$ 16.75	(R)	\$150.27	(R)
5 Mbps	\$ 20.56	(R)	\$150.27	(R)
10 Mbps	\$ 23.75	(R)	\$150.27	(R)
20 Mbps	\$ 26.07	(R)	\$150.27	(R)
50 Mbps	\$ 30.14	(R)	\$150.27	(R)
100 Mbps	\$ 33.49	(R)	\$150.27	(R)
250 Mbps	\$ 47.69	(R)	\$150.27	(R)
500 Mbps	\$ 62.51	(R)	\$225.14	(R)
750 Mbps	\$ 72.64	(R)	\$225.14	(R)
1 Gbps	\$ 83.15	(R)	\$225.14	(R)
2.5 Gbps	\$160.72	(R)	\$225.14	(R)
5 Gbps	\$244.03	(R)	\$225.14	(R)
10 Gbps	\$333.22	(R)	\$225.14	(R)

- (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	\$ 63.32	(R)	\$150.27	(R)
5 Mbps	\$ 64.02	(R)	\$150.27	(R)
10 Mbps	\$ 64.93	(R)	\$150.27	(R)
20 Mbps	\$ 73.45	(R)	\$150.27	(R)
50 Mbps	\$ 83.04	(R)	\$150.27	(R)
100 Mbps	\$ 86.89	(R)	\$150.27	(R)
250 Mbps	\$ 90.75	(R)	\$150.27	(R)
500 Mbps	\$120.05	(R)	\$225.14	(R)
750 Mbps	\$138.09	(R)	\$225.14	(R)
1 Gbps	\$160.06	(R)	\$225.14	(R)
2.5 Gbps	\$308.82	(R)	\$225.14	(R)
5 Gbps	\$469.03	(R)	\$225.14	(R)
10 Gbps	\$640.83	(R)	\$225.14	(R)

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)(B) Ports

(1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
2 Mbps	\$ 22.93	(R)	\$131.93	(R)
5 Mbps	\$ 25.38	(R)	\$131.93	(R)
10 Mbps	\$ 28.03	(R)	\$131.93	(R)
20 Mbps	\$ 31.15	(R)	\$131.93	(R)
50 Mbps	\$ 33.01	(R)	\$131.93	(R)
100 Mbps	\$ 36.01	(R)	\$131.93	(R)
250 Mbps	\$ 49.71	(R)	\$131.93	(R)
500 Mbps	\$ 63.02	(R)	\$197.64	(R)
750 Mbps	\$ 79.70	(R)	\$197.64	(R)
1 Gbps	\$ 96.04	(R)	\$197.64	(R)
2.5 Gbps	\$184.45	(R)	\$197.64	(R)
5 Gbps	\$280.36	(R)	\$197.64	(R)
10 Gbps	\$383.66	(R)	\$197.64	(R)

(2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
44.736 Mbps	\$373.77	(R)	\$ 89.14	(R)
155.52 Mbps	\$448.52	(R)	\$133.45	(R)
622.08 Mbps	\$747.54	(R)	\$133.45	(R)

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)

(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	\$104.42	(R)
5 Mbps	\$0.00	\$104.42	(R)
10 Mbps	\$0.00	\$104.42	(R)
20 Mbps	\$0.00	\$104.42	(R)
50 Mbps	\$0.00	\$104.42	(R)
100 Mbps	\$0.00	\$104.42	(R)
250 Mbps	\$0.00	\$104.42	(R)
500 Mbps	\$0.00	\$156.37	(R)
750 Mbps	\$0.00	\$156.37	(R)
1 Gbps	\$0.00	\$156.37	(R)
2.5 Gbps	\$0.00	\$156.37	(R)
5 Gbps	\$0.00	\$156.37	(R)
10 Gbps	\$0.00	\$156.37	(R)

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>	
\$0.14	\$0.28	(R)

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>	
\$0.08	\$0.15	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)(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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.04	\$0.09

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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.03	\$0.06

(2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
2 Mbps	\$ 9.83	(R)	\$104.42	(R)
5 Mbps	\$ 13.29	(R)	\$104.42	(R)
10 Mbps	\$ 24.92	(R)	\$104.42	(R)
20 Mbps	\$ 49.84	(R)	\$104.42	(R)
50 Mbps	\$ 67.22	(R)	\$104.42	(R)
100 Mbps	\$ 107.24	(R)	\$104.42	(R)
250 Mbps	\$ 220.89	(R)	\$104.42	(R)
500 Mbps	\$ 368.13	(R)	\$156.37	(R)
750 Mbps	\$ 489.22	(R)	\$156.37	(R)
1 Gbps	\$ 640.23	(R)	\$156.37	(R)
2.5 Gbps	\$1,233.19	(R)	\$156.37	(R)
5 Gbps	\$1,874.02	(R)	\$156.37	(R)
10 Gbps	\$2,563.34	(R)	\$156.37	(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)

(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>	
\$0.46	(R)	\$0.94	(R)

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>	
\$0.28	(R)	\$0.56	(R)

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>	
\$0.17	(R)	\$0.34	(R)

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>	
\$0.11		\$0.21	(R)

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)(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	\$ 6.55	(R)	\$208.84	(R)
5 Mbps	\$ 8.30	(R)	\$208.84	(R)
10 Mbps	\$ 14.96	(R)	\$208.84	(R)
20 Mbps	\$ 29.90	(R)	\$208.84	(R)
50 Mbps	\$ 44.82	(R)	\$208.84	(R)
100 Mbps	\$ 72.03	(R)	\$208.84	(R)
250 Mbps	\$ 149.93	(R)	\$208.84	(R)
500 Mbps	\$ 232.08	(R)	\$313.26	(R)
750 Mbps	\$ 315.63	(R)	\$313.26	(R)
1 Gbps	\$ 400.15	(R)	\$313.26	(R)
2.5 Gbps	\$ 771.53	(R)	\$313.26	(R)
5 Gbps	\$1,172.05	(R)	\$313.26	(R)
10 Gbps	\$1,602.08	(R)	\$313.26	(R)

(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	\$ 38.12	(R)	\$208.84	(R)
5 Mbps	\$ 49.48	(R)	\$208.84	(R)
10 Mbps	\$ 95.97	(R)	\$208.84	(R)
20 Mbps	\$ 182.30	(R)	\$208.84	(R)
50 Mbps	\$ 301.98	(R)	\$208.84	(R)
100 Mbps	\$ 426.58	(R)	\$208.84	(R)
250 Mbps	\$ 970.72	(R)	\$208.84	(R)
500 Mbps	\$1,329.93	(R)	\$313.26	(R)
750 Mbps	\$1,784.03	(R)	\$313.26	(R)
1 Gbps	\$2,258.36	(R)	\$313.26	(R)
2.5 Gbps	\$4,346.88	(R)	\$313.26	(R)
5 Gbps	\$6,606.19	(R)	\$313.26	(R)
10 Gbps	\$9,032.30	(R)	\$313.26	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)(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	\$ 63.84	(R)	\$208.84	(R)
5 Mbps	\$ 101.08	(R)	\$208.84	(R)
10 Mbps	\$ 196.83	(R)	\$208.84	(R)
20 Mbps	\$ 265.99	(R)	\$208.84	(R)
50 Mbps	\$ 538.20	(R)	\$208.84	(R)
100 Mbps	\$ 656.09	(R)	\$208.84	(R)
250 Mbps	\$ 1,137.91	(R)	\$208.84	(R)
500 Mbps	\$ 1,558.21	(R)	\$313.26	(R)
750 Mbps	\$ 2,096.40	(R)	\$313.26	(R)
1 Gbps	\$ 2,665.36	(R)	\$313.26	(R)
2.5 Gbps	\$ 5,131.88	(R)	\$313.26	(R)
5 Gbps	\$ 7,795.94	(R)	\$313.26	(R)
10 Gbps	\$10,661.16	(R)	\$313.26	(R)

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ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>	
2 Mbps	\$76.40	(R)
5 Mbps	\$76.40	(R)
10 Mbps	\$76.40	(R)
20 Mbps	\$76.40	(R)
50 Mbps	\$76.40	(R)
100 Mbps	\$76.40	(R)
250 Mbps	\$76.40	(R)
500 Mbps	\$114.61	(R)
750 Mbps	\$114.61	(R)
1 Gbps	\$114.61	(R)
2.5 Gbps	\$114.61	(R)
5 Gbps	\$114.61	(R)
10 Gbps	\$114.61	(R)

(b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>	
44.736 Mbps	\$ 76.40	(R)
155.52 Mbps	\$ 114.61	(R)
622.08 Mbps	\$ 114.61	(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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>
		\$3.57 (R)
Per 10 Mbps increment	\$1.55 (R)	

(d) Per ETS Design Change

<u>Nonrecurring Charge</u>
\$3.57 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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)(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	\$ 56.96	(R)	\$285.24	(R)
2.5 Gbps to 10 Gbps	\$142.28	(R)	\$285.24	(R)

(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	\$131.15	(R)	\$285.24	(R)
2.5 Gbps to 10 Gbps	\$318.90	(R)	\$285.24	(R)

(H) ETS Term Discount Plan

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

(I) ETS Volume Discount Plan

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

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Lumos Telephone of Botetourt Inc. (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.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A)	IPG Transport Termination Per Termination			
	- DS1 1.544 Mbps	\$ 76.51	(R)	\$168.09 (R)
	- DS3 44.736 Mbps	\$630.78	(R)	\$226.67 (R)
(B)	IPG Transport Mileage			
		<u>Monthly Rate</u>		
(1)	IPG Transport Mileage Facility Per Mile			
	- 1.544 Mbps	\$ 4.73		(R)
	- 44.736 Mbps	\$41.23		(R)
(2)	IPG Transport Mileage Termination Per Termination			
	- 1.544 Mbps	\$ 24.56		(R)
	- 44.736 Mbps	\$157.70		(R)
(C)	IPG Port Per Port			
	- 1.544 Mbps	\$ 24.56		(R)
	- 44.736 Mbps	\$303.85		(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company

17.1 Common Line Access Service

17.1.1 Reserved for Future Use

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)
|
(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges

Rate

Tariff
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

\$579.65

17.2.2 Local Transport

Monthly
Rate

Premium Access

- Entrance Facility
Per Termination

6.1.3(A)(1)

- Voice Grade Two Wire \$ 30.22
- Voice Grade Four Wire \$ 48.37
- High Capacity DS1 \$ 147.36
- High Capacity DS3 \$1,345.55
- Optical Channel OC3 \$1,372.06
- Optical Channel OC12 \$1,464.92
- ESALT 2 Mbps \$ 261.01
- ESALT 10 Mbps \$ 281.33
- ESALT 50 Mbps \$ 364.48

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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</u> <u>Reference</u>
- <u>Direct Trunked Transport</u>		6.1.3(A)(2)
- <u>Direct Trunked Facility</u>		
Per Mile		
- Voice Grade	\$ 2.16	
- High Capacity DS1	\$ 10.09	
- High Capacity DS3	\$ 87.95	
- Optical Channel OC3	\$ 94.15	
- Optical Channel OC12	\$ 118.16	
- Per DTF-E1 Facility		
ESALT 2 Mbps	\$ 29.74	
ESALT 10 Mbps	\$ 75.41	
ESALT 50 Mbps	\$ 211.13	
- Per DTF-E2 Facility		
ESALT 2 Mbps	\$ 19.83	
ESALT 10 Mbps	\$ 45.25	
ESALT 50 Mbps	\$ 140.77	
- Per DTF-E3 Facility		
ESALT 2 Mbps	\$ 51.21	
ESALT 10 Mbps	\$ 128.90	
ESALT 50 Mbps	\$ 421.00	
- Per DTF-E4 Facility		
ESALT 2 Mbps	\$ 85.75	
ESALT 10 Mbps	\$ 264.40	
ESALT 50 Mbps	\$ 750.29	
- <u>Direct Trunked Termination</u>		
Per Termination		
- Voice Grade	\$ 21.64	
- High Capacity DS1	\$ 52.39	
- High Capacity DS3	\$ 336.38	
- Optical Channel OC3	\$ 350.25	
- Optical Channel OC12	\$ 762.59	
- ESALT 2 Mbps	\$ 69.40	
- ESALT 10 Mbps	\$ 84.83	
- ESALT 50 Mbps	\$ 103.68	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	<u>Monthly</u>	<u>Tariff</u>
17.2.2	<u>Local Transport</u> (Cont'd)	<u>Rate</u>	<u>Section</u>
			<u>Reference</u>
	<u>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$ 306.91	
	- DS1 to Voice	\$ 118.49	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
	- <u>Tandem Switched Facility</u>	\$0.000129	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.000674	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.001698	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.010554	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.003646	
	Vertical Feature	\$0.004030	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 5.68	
	ESALT 10 Mbps	\$ 28.40	
	ESALT 50 Mbps	\$ 88.39	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$182.84	
	ESALT 10 Mbps	\$182.84	
	ESALT 50 Mbps	\$182.84	

(N)

(N)

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

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	\$ 2.90
- Signaling Mileage Termination per Termination	\$ 29.13

Nonrecurring
Charge

- Signaling Entrance Facility per Facility	\$ 55.78	\$419.35
(2) STP Port		
- per port	\$287.49	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute	\$0.012353	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000700		(R)

Non-Premium

- Per Originating Access Minute	\$0.005559	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000315		(R)

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.033964	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

-Non-Premium

Per Originating 100 Access Minutes	\$0.015284	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.2	<u>Switched Access Service</u> (Cont'd)	Assumed Minutes Per Month	Tariff Section Reference
17.2.5	<u>Assumed Minutes of Use</u>		
(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

(N)

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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	

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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	\$28.31 (R)	\$450.00	
- Four-Wire	\$45.29 (R)	\$450.00	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile	\$ 2.02		(R)
(2) Channel Mileage Termination Per Termination	\$20.26		(R)
(C) Optional Features and Functions			
(1) Bridging			
(a) <u>Voice Bridging</u> Per Port			
Two-Wire/Four-Wire			
- Two-Wire	\$ 3.42		(R)
- Four-Wire	\$ 3.42		(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (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	\$3.42	(R)
- Four-Wire	\$3.42	(R)
(c) <u>Telephoto Bridging</u> per port		
- Two-Wire	\$3.42	(R)
- Four-Wire	\$3.42	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(2) Conditioning Per Termination		
- C Type	\$5.02	(R)
- Improved Attenuation Distortion*	None	
- Improved Envelope Delay Distortion*	None	
- Data Capability	\$4.45	(R)
- Telephoto Capability	\$4.73	(R)
- Sealing Current	None	
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
- Two-Wire	\$7.16	(R)
- Four-Wire	\$7.16	(R)
(4) Customer Specified Receive Level per two-wire termination	\$5.42	(R)

* 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 SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	\$118.67	(R)
(6)	Signaling Capability Per termination	\$ 11.48	(R)
(7)	Selective Signaling Arrangement Per arrangement	\$ 3.42	(R)
(8)	Transfer Arrangement (key activated* or dial up**)		
-	Per four port arrangement including control channel termination***	\$ 1.63	(R)
-	Per five port arrangement including control channel termination***	\$ 3.75	(R)
(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.

Transmittal No. 224

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.3 Special Access Service (Cont'd)

17.3.6 Video Service

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

		<u>Monthly Rate</u>	<u>Daily* Rate</u>	<u>Nonrecurring 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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.

	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(A) Channel Termination Per Termination				
- 2.4 kbps	\$52.25	(R)	\$390.00	
- 4.8 kbps	52.25	(R)	390.00	
- 9.6 kbps	52.25	(R)	390.00	
- 19.2 kbps	52.25	(R)	390.00	
- 56.0 kbps	52.25	(R)	390.00	
- 64.0 kbps	52.25	(R)	390.00	
(B) Channel Mileage				
(1) Channel Mileage Facility Per Mile				
- 2.4 kbps	\$1.92			(R)
- 4.8 kbps	1.92			(R)
- 9.6 kbps	1.92			(R)
- 19.2 kbps	1.92			(R)
- 56.0 kbps	2.73			(R)
- 64.0 kbps	2.73			(R)
(2) Channel Mileage Termination Per Termination				
- 2.4 kbps	\$19.25			(R)
- 4.8 kbps	19.25			(R)
- 9.6 kbps	19.25			(R)
- 19.2 kbps	19.25			(R)
- 56.0 kbps	27.27			(R)
- 64.0 kbps	27.27			(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions		
(1) Bridging Per port	\$ 4.60	(R)
(2) Loop Transfer Arrangement	\$ 3.26	(R)
(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	\$16.30	(R)
- 4.8 kbps	16.30	(R)
- 9.6 kbps	16.30	(R)
- 56.0 kbps	16.30	(R)

* 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.

Transmittal No. 224

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ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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	\$ 130.27 (R)	\$330.00	
- DS1C 3.152 Mbps	ICB	ICB	
- DS2 6.312 Mbps	ICB	ICB	
- DS3 44.736 Mbps	\$1,073.99 (R)	\$445.00	
- DS4 274.176 Mbps	ICB	ICB	
(B) Channel Mileage			
		<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile			
- 64.0 Kbps	\$ 2.73		(R)
- 1.544 Mbps	\$ 8.07		(R)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$70.20		(R)
- 274.176 Mbps	ICB		
(2) Channel Mileage Termination Per Termination			
- 64.0 Kbps	\$ 27.27		(R)
- 1.544 Mbps	\$ 41.82		(R)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$268.49		(R)
- 274.176 Mbps	ICB		

Transmittal No. 224

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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	\$248.85	(R)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice*	102.71	(R)
	DS1 to DSO	102.71	(R)
	DSO to Subrates		
	- Up to 20 2.4 kbps services	\$245.53	(R)
	- Up to 10 4.8 kbps services	166.85	(R)
	- Up to 5 9.6 kbps services	147.95	(R)

* 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.

Transmittal No. 224

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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*	\$82.89	(R)	
(3)	Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$90.35	(R)	
(E)	Network Channel Terminating Equipment (NCTE) Per termination#			
	- 1.544 Mbps	\$ 47.01	(R)	
	- Automatic Loop Transfer	188.88	(R)	
(F)	DSL Access Service Connection			
	- per 1.544 Mbps	\$ 131.40	(R)	\$450.00
	- per 44.736 Mbps	912.51	(R)	650.00

* 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.

Transmittal No. 224

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)
—
(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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.

		<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(A)	Channel Termination Per Termination				
	- OC3/OC3c 155.520 Mbps	\$1,096.55	(R)	\$360.00	
	- OC12 622.08 Mbps	\$1,370.42	(R)	\$360.00	
(B)	Channel Mileage Facility Per Mile				
	- OC3/OC3c 155.52 Mbps	\$ 75.25			(R)
	- OC12 622.08 Mbps	\$ 94.44			(R)
(C)	Channel Mileage Termination Per Termination				
	- OC3/OC3c 155.52 Mbps	\$ 279.90			(R)
	- OC12 622.08 Mbps	\$ 609.46			(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)17.3 Special Access Service (Cont'd)17.3.10 Synchronous Optical Channel Service (Cont'd)

(D) Optional Features and Functions

				<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
(1)	Customer Node						
	Per Node						
	- OC3/OC3c	155.52	Mbps	\$ 254.62	(R)	\$640.00	
	- OC12	622.08	Mbps	\$ 735.58	(R)	\$640.00	
	Customer Premises Port						
	Per Port						
	- OC3/OC3c	155.52	Mbps	\$ 97.80	(R)	\$640.00	
	- STS-1	51.84	Mbps	100.32	(R)	\$640.00	
	- DS3	44.736	Mbps	100.32	(R)	\$640.00	
	- DS1	1.544	Mbps	\$ 25.72	(R)	\$640.00	
(2)	Add/Drop Multiplexing						
	Central Office Port						
	Per Port						
	- OC3/OC3c	155.52	Mbps	\$ 97.80			(R)
	- DS3	44.736	Mbps	51.44			(R)
	- DS1	1.544	Mbps	\$ 20.58			(R)
(E)	DSL Access Service Connection						
	- Per OC3/OC3c			\$1,598.72	(R)	\$1,200.00	

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Each Half Hour or Fraction Thereof

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

* 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(C) Additional Manual Testing - Switched Access

To First Point
of Switching

Additional Tests

Each Half Hour
or Fraction
Thereof

Tariff
Section
Reference

Gain-Slope,
C-Notched Noise and
any other agreed to
tests, per technician
forth in 17.4.3(C)
preceding

See the rates
for Additional
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing
- Special Access

Testing Periods

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)(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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
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(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)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 \$5.00 per month

(I)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.5 Special Federal Government Access Services

(A)	Voice Grade Secure <u>Communications</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charges</u>	Termination <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

<u>Wideband Secure Communications</u>	Monthly <u>Rates</u>	Nonrecurring <u>Charges</u>	Termination <u>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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(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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.

	<u>Monthly Rate</u>	<u>Nonrecurring 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	

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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 Path

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

(2) Capacity charge, per Megabit of capacity
Per Path

Traffic 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

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

- 17. Rates and Charges - Mark Twain Rural Telephone Company (Cont'd) (N)
- 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

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)

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	\$ 28.53	(R)	\$295.00
5 Mbps	\$ 35.01	(R)	\$295.00
10 Mbps	\$ 40.44	(R)	\$295.00
20 Mbps	\$ 44.39	(R)	\$295.00
50 Mbps	\$ 51.32	(R)	\$295.00
100 Mbps	\$ 57.01	(R)	\$295.00
250 Mbps	\$ 81.19	(R)	\$295.00
500 Mbps	\$106.42	(R)	\$442.00
750 Mbps	\$123.68	(R)	\$442.00
1 Gbps	\$141.57	(R)	\$442.00
2.5 Gbps	\$273.65	(R)	\$442.00
5 Gbps	\$415.49	(R)	\$442.00
10 Gbps	\$567.34	(R)	\$442.00

- (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	\$ 107.82	(R)	\$295.00
5 Mbps	\$ 109.00	(R)	\$295.00
10 Mbps	\$ 110.54	(R)	\$295.00
20 Mbps	\$ 125.06	(R)	\$295.00
50 Mbps	\$ 141.38	(R)	\$295.00
100 Mbps	\$ 147.93	(R)	\$295.00
250 Mbps	\$ 154.50	(R)	\$295.00
500 Mbps	\$ 204.39	(R)	\$442.00
750 Mbps	\$ 235.11	(R)	\$442.00
1 Gbps	\$ 272.52	(R)	\$442.00
2.5 Gbps	\$ 525.81	(R)	\$442.00
5 Gbps	\$ 798.57	(R)	\$442.00
10 Gbps	\$1,091.08	(R)	\$442.00

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ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)(B) Ports

(1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
2 Mbps	\$ 39.04	(R)	\$259.00
5 Mbps	\$ 43.22	(R)	\$259.00
10 Mbps	\$ 47.73	(R)	\$259.00
20 Mbps	\$ 53.03	(R)	\$259.00
50 Mbps	\$ 56.21	(R)	\$259.00
100 Mbps	\$ 61.32	(R)	\$259.00
250 Mbps	\$ 84.64	(R)	\$259.00
500 Mbps	\$107.31	(R)	\$388.00
750 Mbps	\$135.70	(R)	\$388.00
1 Gbps	\$163.52	(R)	\$388.00
2.5 Gbps	\$314.05	(R)	\$388.00
5 Gbps	\$477.35	(R)	\$388.00
10 Gbps	\$653.22	(R)	\$388.00

(2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
44.736 Mbps	\$ 636.38	(R)	\$175.00
155.52 Mbps	\$ 763.65	(R)	\$262.00
622.08 Mbps	\$1,272.76	(R)	\$262.00

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (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)

(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	\$205.00
5 Mbps	\$0.00	\$205.00
10 Mbps	\$0.00	\$205.00
20 Mbps	\$0.00	\$205.00
50 Mbps	\$0.00	\$205.00
100 Mbps	\$0.00	\$205.00
250 Mbps	\$0.00	\$205.00
500 Mbps	\$0.00	\$307.00
750 Mbps	\$0.00	\$307.00
1 Gbps	\$0.00	\$307.00
2.5 Gbps	\$0.00	\$307.00
5 Gbps	\$0.00	\$307.00
10 Gbps	\$0.00	\$307.00

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

Monthly Rate Per CoS Level, Per Megabit

<u>Near Real Time</u>	<u>Real Time</u>	
\$0.24	\$0.48	(R)

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

Monthly Rate Per CoS Level, Per Megabit

<u>Near Real Time</u>	<u>Real Time</u>
\$0.14	\$0.26

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)(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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.08	\$0.15

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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.05	\$0.11

(2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
2 Mbps	\$ 16.74	(R)	\$205.00
5 Mbps	\$ 22.63	(R)	\$205.00
10 Mbps	\$ 42.42	(R)	\$205.00
20 Mbps	\$ 84.85	(R)	\$205.00
50 Mbps	\$ 114.46	(R)	\$205.00
100 Mbps	\$ 182.58	(R)	\$205.00
250 Mbps	\$ 376.17	(R)	\$205.00
500 Mbps	\$ 626.78	(R)	\$307.00
750 Mbps	\$ 832.95	(R)	\$307.00
1 Gbps	\$1,090.08	(R)	\$307.00
2.5 Gbps	\$2,099.62	(R)	\$307.00
5 Gbps	\$3,190.71	(R)	\$307.00
10 Gbps	\$4,364.35	(R)	\$307.00

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ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)(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>
\$0.80 (R)	\$1.59 (R)

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>
\$0.48 (R)	\$0.96 (R)

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>
\$0.29	\$0.58 (R)

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>
\$0.19	\$0.35 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)(E) ETS Interconnected Ethernet Virtual Connections (I-EVCs)(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	\$ 11.15	(R)	\$410.00
5 Mbps	\$ 14.13	(R)	\$410.00
10 Mbps	\$ 25.46	(R)	\$410.00
20 Mbps	\$ 50.91	(R)	\$410.00
50 Mbps	\$ 76.30	(R)	\$410.00
100 Mbps	\$ 122.63	(R)	\$410.00
250 Mbps	\$ 255.27	(R)	\$410.00
500 Mbps	\$ 395.16	(R)	\$615.00
750 Mbps	\$ 537.39	(R)	\$615.00
1 Gbps	\$ 681.30	(R)	\$615.00
2.5 Gbps	\$1,313.60	(R)	\$615.00
5 Gbps	\$1,995.53	(R)	\$615.00
10 Gbps	\$2,727.71	(R)	\$615.00

(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	\$ 45.98	(R)	\$410.00
5 Mbps	\$ 59.68	(R)	\$410.00
10 Mbps	\$ 115.75	(R)	\$410.00
20 Mbps	\$ 219.89	(R)	\$410.00
50 Mbps	\$ 364.25	(R)	\$410.00
100 Mbps	\$ 514.52	(R)	\$410.00
250 Mbps	\$ 1,170.85	(R)	\$410.00
500 Mbps	\$ 1,604.11	(R)	\$615.00
750 Mbps	\$ 2,151.83	(R)	\$615.00
1 Gbps	\$ 2,723.97	(R)	\$615.00
2.5 Gbps	\$ 5,243.07	(R)	\$615.00
5 Gbps	\$ 7,968.19	(R)	\$615.00
10 Gbps	\$10,894.48	(R)	\$615.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)(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	\$ 77.00	(R)	\$410.00
5 Mbps	\$ 121.92	(R)	\$410.00
10 Mbps	\$ 237.42	(R)	\$410.00
20 Mbps	\$ 320.83	(R)	\$410.00
50 Mbps	\$ 649.16	(R)	\$410.00
100 Mbps	\$ 791.36	(R)	\$410.00
250 Mbps	\$ 1,372.51	(R)	\$410.00
500 Mbps	\$ 1,879.47	(R)	\$615.00
750 Mbps	\$ 2,528.61	(R)	\$615.00
1 Gbps	\$ 3,214.87	(R)	\$615.00
2.5 Gbps	\$ 6,189.91	(R)	\$615.00
5 Gbps	\$ 9,403.22	(R)	\$615.00
10 Gbps	\$12,859.16	(R)	\$615.00

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ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (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

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$150.00
5 Mbps	\$150.00
10 Mbps	\$150.00
20 Mbps	\$150.00
50 Mbps	\$150.00
100 Mbps	\$150.00
250 Mbps	\$150.00
500 Mbps	\$225.00
750 Mbps	\$225.00
1 Gbps	\$225.00
2.5 Gbps	\$225.00
5 Gbps	\$225.00
10 Gbps	\$225.00

(b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$ 150.00
155.52 Mbps	\$ 225.00
622.08 Mbps	\$ 225.00

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mark Twain Rural Telephone Company (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>
			\$7.00
Per 10 Mbps increment	\$1.98	(R)	

(d) Per ETS Design Change

<u>Nonrecurring Charge</u>
\$6.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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)(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	\$ 68.69	(R)	\$560.00
2.5 Gbps to 10 Gbps	\$171.61	(R)	\$560.00

(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	\$158.19	(R)	\$560.00
2.5 Gbps to 10 Gbps	\$384.65	(R)	\$560.00

(H) ETS Term Discount Plan

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

(I) ETS Volume Discount Plan

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

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mark Twain Rural Telephone Company (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.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A)	IPG Transport Termination Per Termination			
	- DS1 1.544 Mbps	\$ 119.52 (R)	\$330.00	
	- DS3 44.736 Mbps	\$1,073.99 (R)	\$445.00	
(B)	IPG Transport Mileage			
				<u>Monthly Rate</u>
(1)	IPG Transport Mileage Facility Per Mile			
	- 1.544 Mbps	\$ 8.07		(R)
	- 44.736 Mbps	\$70.20		(R)
(2)	IPG Transport Mileage Termination Per Termination			
	- 1.544 Mbps	\$ 41.82		(R)
	- 44.736 Mbps	\$268.49		(R)
(C)	IPG Port Per Port			
	- 1.544 Mbps	\$ 41.82		(R)
	- 44.736 Mbps	\$517.34		(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc.

17.1 Common Line Access Service

17.1.1 End User Access Service

Rates for the Telephone Company's End User Access Service may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

17.1.2 Federal Universal Service Charge (FUSC)

Rates for the Telephone Company's Federal Universal Service Charge (FUSC) may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges

Rate

Tariff
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

\$579.65

17.2.2 Local Transport

Monthly
Rate

Premium Access

- Entrance Facility
Per Termination

6.1.3(A)(1)

- Voice Grade Two Wire

\$ 83.23

- Voice Grade Four Wire

\$ 133.15

- High Capacity DS1

\$ 405.72

- High Capacity DS3

\$3,704.60

- Optical Channel OC3

\$3,777.58

- Optical Channel OC12

\$4,033.23

- ESALT 2 Mbps

\$ 718.62

- ESALT 10 Mbps

\$ 774.56

- ESALT 50 Mbps

\$1,003.48

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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</u> <u>Reference</u>
- <u>Direct Trunked Transport</u>		6.1.3(A)(2)
- <u>Direct Trunked Facility</u>		
Per Mile		
- Voice Grade	\$ 5.92	
- High Capacity DS1	\$ 27.78	
- High Capacity DS3	\$ 242.15	
- Optical Channel OC3	\$ 259.21	
- Optical Channel OC12	\$ 325.32	
- Per DTF-E1 Facility		
ESALT 2 Mbps	\$ 81.87	
ESALT 10 Mbps	\$ 207.61	
ESALT 50 Mbps	\$ 581.27	
- Per DTF-E2 Facility		
ESALT 2 Mbps	\$ 54.58	
ESALT 10 Mbps	\$ 124.58	
ESALT 50 Mbps	\$ 387.56	
- Per DTF-E3 Facility		
ESALT 2 Mbps	\$ 158.09	
ESALT 10 Mbps	\$ 397.94	
ESALT 50 Mbps	\$1,299.67	
- Per DTF-E4 Facility		
ESALT 2 Mbps	\$ 264.74	
ESALT 10 Mbps	\$ 816.23	
ESALT 50 Mbps	\$2,316.26	
- <u>Direct Trunked Termination</u>		
Per Termination		
- Voice Grade	\$ 59.59	
- High Capacity DS1	\$ 144.23	
- High Capacity DS3	\$ 926.11	
- Optical Channel OC3	\$ 964.30	
- Optical Channel OC12	\$2,099.59	
- ESALT 2 Mbps	\$ 191.06	
- ESALT 10 Mbps	\$ 233.56	
- ESALT 50 Mbps	\$ 285.47	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$ 845.02	
	- DS1 to Voice	\$ 326.23	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
-	- <u>Tandem Switched Facility</u>	\$0.000855	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.004437	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.011192	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.0032581	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.011255	
	Vertical Feature	\$0.012440	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 15.66	
	ESALT 10 Mbps	\$ 78.27	
	ESALT 50 Mbps	\$243.21	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$564.44	
	ESALT 10 Mbps	\$564.44	
	ESALT 50 Mbps	\$564.44	

(N)

(N)

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Local Transport (Cont'd)

(A) Common Channel Signaling
Network Connection

(1) Signaling Network Access Link

	<u>Rate</u>
- Signaling Mileage Facility per mile	\$ 8.00
- Signaling Mileage Termination per Termination	\$ 80.21

Nonrecurring
Charge

- Signaling Entrance Facility per Facility	\$153.61	\$419.35
(2) STP Port		
- per port	\$791.51	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute	\$0.085803	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.0007		(R)

Non-Premium

- Per Originating Access Minute	\$0.038611	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000315		(R)

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.104852	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

-Non-Premium

Per Originating 100 Access Minutes	\$0.047183	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.2	<u>Switched Access Service</u> (Cont'd)	Assumed Minutes Per Month	Tariff Section Reference
17.2.5	<u>Assumed Minutes of Use</u>		
(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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

The Telephone Company's Surcharge for Special Access Service rate may be found at Section 17., Common Line Rates and Charges, Alternative Connect America Model Carriers.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)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	\$27.41 (I)	\$450.00
- Four-Wire	\$43.86 (I)	\$450.00
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$ 1.97 (I)	
(2) Channel Mileage Termination Per Termination	\$19.62 (I)	
(C) Optional Features and Functions		
(1) Bridging		
(a) <u>Voice Bridging</u> Per Port		
Two-Wire/Four-Wire		
- Two-Wire	\$ 3.31 (I)	
- Four-Wire	\$ 3.31 (I)	

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)Monthly
Rate

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(b) Data Bridging
Per Port

- Two-Wire \$3.31 (I)

- Four-Wire \$3.31 (I)

(c) Telephoto Bridging per port

- Two-Wire \$3.31 (I)

- Four-Wire \$3.31 (I)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd)	
(2) Conditioning Per Termination	
- C Type	\$4.86 (I)
- Improved Attenuation Distortion*	None
- Improved Envelope Delay Distortion*	None
- Data Capability	\$4.32 (I)
- Telephoto Capability	\$4.57 (I)
- Sealing Current	None
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination	
- Two-Wire	\$6.93 (I)
- Four-Wire	\$6.93 (I)
(4) Customer Specified Receive Level per two-wire termination	\$5.24 (I)

* 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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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions (Cont'd)	
(5) Multiplexing Per arrangement Voice to Telegraph Grade	\$114.90 (I)
(6) Signaling Capability Per termination	\$ 11.11 (I)
(7) Selective Signaling Arrangement Per arrangement	\$ 3.31 (I)
(8) Transfer Arrangement (key activated* or dial up**)	
- Per four port arrangement including control channel termination***	\$ 1.58 (I)
- Per five port arrangement including control channel termination***	\$ 3.64 (I)
(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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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)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.	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
- 2.4 kbps	\$50.58 (I)	\$390.00
- 4.8 kbps	50.58 (I)	390.00
- 9.6 kbps	50.58 (I)	390.00
- 19.2 kbps	50.58 (I)	390.00
- 56.0 kbps	50.58 (I)	390.00
- 64.0 kbps	50.58 (I)	390.00
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile		
- 2.4 kbps	\$1.87 (I)	
- 4.8 kbps	1.87 (I)	
- 9.6 kbps	1.87 (I)	
- 19.2 kbps	1.87 (I)	
- 56.0 kbps	2.64 (I)	
- 64.0 kbps	2.64 (I)	
(2) Channel Mileage Termination Per Termination		
- 2.4 kbps	\$18.64 (I)	
- 4.8 kbps	18.64 (I)	
- 9.6 kbps	18.64 (I)	
- 19.2 kbps	18.64 (I)	
- 56.0 kbps	26.42 (I)	
- 64.0 kbps	26.42 (I)	

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.7 Digital Data Service (Cont'd)

	<u>Monthly Rate</u>
(C) Optional Features and Functions	
(1) Bridging Per port	\$ 4.46 (I)
(2) Loop Transfer Arrangement Per four port arrangement* Key activated** or Dial-Up***	\$ 3.15 (I)
(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	\$15.78 (I)
- 4.8 kbps	15.78 (I)
- 9.6 kbps	15.78 (I)
- 56.0 kbps	15.78 (I)

* 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.

Transmittal No. 224

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)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	\$ 126.13	(I) \$330.00
- DS1C 3.152 Mbps	ICB	ICB
- DS2 6.312 Mbps	ICB	ICB
- DS3 44.736 Mbps	\$1,039.85	(I) \$445.00
- DS4 274.176 Mbps	ICB	ICB
(B) Channel Mileage		
	<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile		
- 64.0 Kbps	\$ 2.64	(I)
- 1.544 Mbps	\$ 7.81	(I)
- 3.152 Mbps	ICB	
- 6.312 Mbps	ICB	
- 44.736 Mbps	\$67.97	(I)
- 274.176 Mbps	ICB	
(2) Channel Mileage Termination Per Termination		
- 64.0 Kbps	\$ 26.42	(I)
- 1.544 Mbps	\$ 40.48	(I)
- 3.152 Mbps	ICB	
- 6.312 Mbps	ICB	
- 44.736 Mbps	\$259.96	(I)
- 274.176 Mbps	ICB	

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service (Cont'd)

(C) Reserved for Future Use

	<u>Monthly Rate</u>
(D) Optional Features and Functions	
(1) Multiplexing, per arrangement	
DS4 to DS1	ICB
DS3 to DS1	\$240.93 (I)
DS2 to DS1	ICB
DS1C to DS1	ICB
DS1 to Voice*	99.45 (I)
DS1 to DSO	99.45 (I)
DSO to Subrates	
- Up to 20 2.4 kbps services	\$238.84 (I)
- Up to 10 4.8 kbps services	161.55 (I)
- Up to 5 9.6 kbps services	143.26 (I)

* 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.

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)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*	\$ 80.25 (I)	
(3) Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$ 87.47 (I)	
(E) Network Channel Terminating Equipment (NCTE) Per termination#		
- 1.544 Mbps	\$ 45.52 (I)	
- Automatic Loop Transfer	182.88 (I)	
(F) DSL Access Service Connection		
- per 1.544 Mbps	\$ 127.22 (I)	\$450.00
- per 44.736 Mbps	883.52 (I)	650.00

* 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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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)
—
(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Each Half Hour or Fraction Thereof

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

* 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(C) Additional Manual Testing - Switched Access

To First Point
of Switching

Additional Tests

Each Half Hour
or Fraction
Thereof

Tariff
Section
Reference

Gain-Slope,
C-Notched Noise and
any other agreed to
tests, per technician
forth in 17.4.3(C)
preceding

See the rates
for Additional
Labor as set

13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing
- Special Access

Testing Periods

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)(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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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

	<u>Monthly Rate</u>	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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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 \$3.00 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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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	Monthly	Nonrecurring	Termination
	<u>Communications</u>	<u>Rates</u>	<u>Charges</u>	<u>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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8. Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

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President
7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

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ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

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ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)

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	\$ 27.62	(I)	\$295.00
5 Mbps	\$ 33.88	(I)	\$295.00
10 Mbps	\$ 39.15	(I)	\$295.00
20 Mbps	\$ 42.97	(I)	\$295.00
50 Mbps	\$ 49.68	(I)	\$295.00
100 Mbps	\$ 55.20	(I)	\$295.00
250 Mbps	\$ 78.62	(I)	\$295.00
500 Mbps	\$103.05	(I)	\$442.00
750 Mbps	\$119.75	(I)	\$442.00
1 Gbps	\$137.08	(I)	\$442.00
2.5 Gbps	\$264.96	(I)	\$442.00
5 Gbps	\$402.29	(I)	\$442.00
10 Gbps	\$549.31	(I)	\$442.00

- (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	\$ 104.39	(I)	\$295.00
5 Mbps	\$ 105.53	(I)	\$295.00
10 Mbps	\$ 107.04	(I)	\$295.00
20 Mbps	\$ 121.10	(I)	\$295.00
50 Mbps	\$ 136.89	(I)	\$295.00
100 Mbps	\$ 143.25	(I)	\$295.00
250 Mbps	\$ 149.59	(I)	\$295.00
500 Mbps	\$ 197.90	(I)	\$442.00
750 Mbps	\$ 227.63	(I)	\$442.00
1 Gbps	\$ 263.86	(I)	\$442.00
2.5 Gbps	\$ 509.10	(I)	\$442.00
5 Gbps	\$ 773.21	(I)	\$442.00
10 Gbps	\$1,056.42	(I)	\$442.00

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ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)(B) Ports

(1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
2 Mbps	\$ 37.80	(I)	\$259.00
5 Mbps	\$ 41.85	(I)	\$259.00
10 Mbps	\$ 46.22	(I)	\$259.00
20 Mbps	\$ 51.35	(I)	\$259.00
50 Mbps	\$ 54.41	(I)	\$259.00
100 Mbps	\$ 59.38	(I)	\$259.00
250 Mbps	\$ 81.94	(I)	\$259.00
500 Mbps	\$103.89	(I)	\$388.00
750 Mbps	\$131.38	(I)	\$388.00
1 Gbps	\$158.31	(I)	\$388.00
2.5 Gbps	\$304.07	(I)	\$388.00
5 Gbps	\$462.18	(I)	\$388.00
10 Gbps	\$632.47	(I)	\$388.00

(2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
44.736 Mbps	\$ 616.16	(I)	\$175.00
155.52 Mbps	\$ 739.39	(I)	\$262.00
622.08 Mbps	\$1,232.33	(I)	\$262.00

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)

(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	\$205.00
5 Mbps	\$0.00	\$205.00
10 Mbps	\$0.00	\$205.00
20 Mbps	\$0.00	\$205.00
50 Mbps	\$0.00	\$205.00
100 Mbps	\$0.00	\$205.00
250 Mbps	\$0.00	\$205.00
500 Mbps	\$0.00	\$307.00
750 Mbps	\$0.00	\$307.00
1 Gbps	\$0.00	\$307.00
2.5 Gbps	\$0.00	\$307.00
5 Gbps	\$0.00	\$307.00
10 Gbps	\$0.00	\$307.00

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

Monthly Rate Per CoS Level, Per Megabit

<u>Near Real Time</u>	<u>Real Time</u>
\$0.23 (I)	\$0.46 (I)

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

Monthly Rate Per CoS Level, Per Megabit

<u>Near Real Time</u>	<u>Real Time</u>
\$0.13 (I)	\$0.25 (I)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)(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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.08 (I)	\$0.14 (I)

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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.05	\$0.11 (I)

(2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
2 Mbps	\$ 16.20	(I)	\$205.00
5 Mbps	\$ 21.91	(I)	\$205.00
10 Mbps	\$ 41.08	(I)	\$205.00
20 Mbps	\$ 82.15	(I)	\$205.00
50 Mbps	\$ 110.82	(I)	\$205.00
100 Mbps	\$ 176.78	(I)	\$205.00
250 Mbps	\$ 364.22	(I)	\$205.00
500 Mbps	\$ 606.87	(I)	\$307.00
750 Mbps	\$ 806.50	(I)	\$307.00
1 Gbps	\$1,055.44	(I)	\$307.00
2.5 Gbps	\$2,032.91	(I)	\$307.00
5 Gbps	\$3,089.33	(I)	\$307.00
10 Gbps	\$4,225.68	(I)	\$307.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)(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>
\$0.77 (I)	\$1.56 (I)

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>
\$0.46 (I)	\$0.93 (I)

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>
\$0.27 (I)	\$0.56 (I)

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>
\$0.18 (I)	\$0.35 (I)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)(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	\$ 10.80	(I)	\$410.00
5 Mbps	\$ 13.69	(I)	\$410.00
10 Mbps	\$ 24.65	(I)	\$410.00
20 Mbps	\$ 49.29	(I)	\$410.00
50 Mbps	\$ 73.88	(I)	\$410.00
100 Mbps	\$ 118.74	(I)	\$410.00
250 Mbps	\$ 247.15	(I)	\$410.00
500 Mbps	\$ 382.60	(I)	\$615.00
750 Mbps	\$ 520.31	(I)	\$615.00
1 Gbps	\$ 659.63	(I)	\$615.00
2.5 Gbps	\$1,271.88	(I)	\$615.00
5 Gbps	\$1,932.13	(I)	\$615.00
10 Gbps	\$2,641.04	(I)	\$615.00

(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	\$ 52.90	(I)	\$410.00
5 Mbps	\$ 68.65	(I)	\$410.00
10 Mbps	\$ 133.15	(I)	\$410.00
20 Mbps	\$ 252.95	(I)	\$410.00
50 Mbps	\$ 419.02	(I)	\$410.00
100 Mbps	\$ 591.88	(I)	\$410.00
250 Mbps	\$ 1,346.89	(I)	\$410.00
500 Mbps	\$ 1,845.30	(I)	\$615.00
750 Mbps	\$ 2,475.36	(I)	\$615.00
1 Gbps	\$ 3,133.53	(I)	\$615.00
2.5 Gbps	\$ 6,031.38	(I)	\$615.00
5 Gbps	\$ 9,166.20	(I)	\$615.00
10 Gbps	\$12,532.48	(I)	\$615.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)(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	\$ 88.59	(I)	\$410.00
5 Mbps	\$ 140.24	(I)	\$410.00
10 Mbps	\$ 273.12	(I)	\$410.00
20 Mbps	\$ 369.07	(I)	\$410.00
50 Mbps	\$ 746.77	(I)	\$410.00
100 Mbps	\$ 910.34	(I)	\$410.00
250 Mbps	\$ 1,578.86	(I)	\$410.00
500 Mbps	\$ 2,162.04	(I)	\$615.00
750 Mbps	\$ 2,908.80	(I)	\$615.00
1 Gbps	\$ 3,698.23	(I)	\$615.00
2.5 Gbps	\$ 7,120.57	(I)	\$615.00
5 Gbps	\$10,817.01	(I)	\$615.00
10 Gbps	\$14,792.54	(I)	\$615.00

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ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$150.00
5 Mbps	\$150.00
10 Mbps	\$150.00
20 Mbps	\$150.00
50 Mbps	\$150.00
100 Mbps	\$150.00
250 Mbps	\$150.00
500 Mbps	\$225.00
750 Mbps	\$225.00
1 Gbps	\$225.00
2.5 Gbps	\$225.00
5 Gbps	\$225.00
10 Gbps	\$225.00

(b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$ 150.00
155.52 Mbps	\$ 225.00
622.08 Mbps	\$ 225.00

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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	\$2.00 (I)	\$7.00

(d) Per ETS Design Change

<u>Nonrecurring Charge</u>
\$6.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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)(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	\$ 79.02 (I)	\$560.00
2.5 Gbps to 10 Gbps	\$197.41 (I)	\$560.00

- (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	\$181.97 (I)	\$560.00
2.5 Gbps to 10 Gbps	\$442.48 (I)	\$560.00

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Mid-Plains Rural Tel. Coop., Inc. (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.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	IPG Transport Termination Per Termination		
	- DS1 1.544 Mbps	\$ 126.13 (I)	\$330.00
	- DS3 44.736 Mbps	\$1 039.85 (I)	\$445.00
(B)	IPG Transport Mileage		
		<u>Monthly Rate</u>	
(1)	IPG Transport Mileage Facility Per Mile		
	- 1.544 Mbps	\$ 7.81 (I)	
	- 44.736 Mbps	\$67.97 (I)	
(2)	IPG Transport Mileage Termination Per Termination		
	- 1.544 Mbps	\$ 40.48 (I)	
	- 44.736 Mbps	\$259.96 (I)	
(C)	IPG Port Per Port		
	- 1.544 Mbps	\$ 40.48 (I)	
	- 44.736 Mbps	\$500.91 (I)	

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc.

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.

(N)
|
(N)

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ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges

Rate

Tariff
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

\$579.65

17.2.2 Local Transport

Monthly
Rate

Premium Access

- Entrance Facility
Per Termination

6.1.3(A)(1)

- Voice Grade Two Wire \$ 27.93
- Voice Grade Four Wire \$ 44.70
- High Capacity DS1 \$ 136.19
- High Capacity DS3 \$1,243.55
- Optical Channel OC3 \$1,268.05
- Optical Channel OC12 \$1,353.87
- ESALT 2 Mbps \$ 241.22
- ESALT 10 Mbps \$ 260.00
- ESALT 50 Mbps \$ 336.85

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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>Direct Trunked Transport</u>		6.1.3(A)(2)
- <u>Direct Trunked Facility</u> Per Mile		
- Voice Grade	\$ 1.99	
- High Capacity DS1	\$ 9.33	
- High Capacity DS3	\$ 81.29	
- Optical Channel OC3	\$ 87.01	
- Optical Channel OC12	\$ 109.21	
- Per DTF-E1 Facility		
ESALT 2 Mbps	\$ 27.48	
ESALT 10 Mbps	\$ 69.69	
ESALT 50 Mbps	\$ 195.13	
- Per DTF-E2 Facility		
ESALT 2 Mbps	\$ 18.33	
ESALT 10 Mbps	\$ 41.82	
ESALT 50 Mbps	\$ 130.10	
- Per DTF-E3 Facility		
ESALT 2 Mbps	\$ 47.33	
ESALT 10 Mbps	\$ 119.13	
ESALT 50 Mbps	\$ 389.08	
- Per DTF-E4 Facility		
ESALT 2 Mbps	\$ 79.25	
ESALT 10 Mbps	\$ 244.35	
ESALT 50 Mbps	\$ 693.41	
- <u>Direct Trunked Termination</u> Per Termination		
- Voice Grade	\$ 20.00	
- High Capacity DS1	\$ 48.41	
- High Capacity DS3	\$ 310.88	
- Optical Channel OC3	\$ 323.69	
- Optical Channel OC12	\$ 704.78	
- ESALT 2 Mbps	\$ 64.14	
- ESALT 10 Mbps	\$ 78.40	
- ESALT 50 Mbps	\$ 95.82	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.2	<u>Switched Access Service</u> (Cont'd)	<u>Monthly</u>	<u>Tariff</u>
17.2.2	<u>Local Transport</u> (Cont'd)	<u>Rate</u>	<u>Section</u>
			<u>Reference</u>
	<u>Multiplexing</u>		
	Per Arrangement		6.1.3(A)(5)
	- DS3 to DS1	\$ 283.64	
	- DS1 to Voice	\$ 109.51	
	<u>Premium Access</u>		
-	<u>Tandem Switched Transport</u>		6.1.3(A)(3)
	- <u>Tandem Switched Facility</u>	\$0.000256	
	Per Access Minute Per Mile		
-	<u>Tandem Switched Termination</u>	\$0.001328	
	Per Access Minute		
	Per Termination		
-	<u>Tandem Switching</u>	\$0.003351	6.1.3(A)(3)
	Per Access Minute		
	Per Tandem		
-	<u>Network Blocking Per Blocked Call</u>		
	Applies to FGD only	\$0.009754	6.8.6
-	<u>800 Series Data Base Access Service</u>		
	<u>Queries</u>		
	Per Query		
	Basic	\$0.003369	
	Vertical Feature	\$0.003724	
	<u>ESALT Real Time CoS/QoS</u>		
	Per ESALT Direct Trunked Facility, Per Option		
	ESALT 2 Mbps	\$ 5.25	
	ESALT 10 Mbps	\$ 26.25	
	ESALT 50 Mbps	\$ 81.69	
	<u>ESALT Entrance Facility Protection</u>		
	Per ESALT Entrance Facility		
	ESALT 2 Mbps	\$168.98	
	ESALT 10 Mbps	\$168.98	
	ESALT 50 Mbps	\$168.98	

(N)

(N)

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ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

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	\$ 2.68
- Signaling Mileage Termination per Termination	\$ 26.92

Nonrecurring
Charge

- Signaling Entrance Facility per Facility	\$ 51.55	\$419.35
(2) STP Port		
- per port	\$265.69	

(N)

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End OfficeRateTariff
Section
Reference(A) Local Switching
Premium

- Per Originating Access Minute	\$0.008561	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000700		(R)

Non-Premium

- Per Originating Access Minute	\$0.003853	6.1.3(B)(1)	
- Per Terminating Access Minute	\$0.000315		(R)

(B) Information Surcharge-Premium

Per Originating 100 Access Minutes	\$0.031389	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

-Non-Premium

Per Originating 100 Access Minutes	\$0.014125	6.1.3(B)(2)	
Per Terminating 100 Access Minutes	\$0.000000		

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.2 Switched Access Service (Cont'd)

17.2.4 Reserved for future use.

(N)

Transmittal No. 209

ACCESS SERVICE

17.	<u>Rates and Charges</u> - Pineland Telephone Cooperative, Inc. (Cont'd)		(N)
17.2	<u>Switched Access Service</u> (Cont'd)		
	17.2.5	<u>Assumed Minutes of Use</u>	
		<u>Assumed Minutes Per Month</u>	<u>Tariff Section Reference</u>
	(A)	Feature Group A, Two Way Calling (1510 Originating, 2685 Terminating)	6.5.4
	(B)	Feature Group A, Originating Only	6.5.4
	(C)	Feature Group A, Terminating Only	6.5.4
	(D)	Feature Group B, Two Way Calling (3132 Originating, 5568 Terminating)	6.6.4
	(E)	Feature Group B, Originating Only	6.6.4
	(F)	Feature Group B, Terminating Only	6.6.4

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.3 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)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	\$32.73 (R)	\$329.33 (R)	
- Four-Wire	\$52.37 (R)	\$329.33 (R)	
(B) Channel Mileage			
(1) Channel Mileage Facility Per Mile	\$ 2.34		(R)
(2) Channel Mileage Termination Per Termination	\$23.43		(R)
(C) Optional Features and Functions			
(1) Bridging			
(a) <u>Voice Bridging</u> Per Port			
Two-Wire/Four-Wire			
- Two-Wire	\$ 3.95		(R)
- Four-Wire	\$ 3.95		(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)

(1) Bridging (Cont'd)

(b) Data Bridging
 Per Port

- Two-Wire \$3.95 (R)

- Four-Wire \$3.95 (R)

(c) Telephoto Bridging per port

- Two-Wire \$3.95 (R)

- Four-Wire \$3.95 (R)

Monthly
Rate

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

	<u>Monthly Rate</u>	
(C) Optional Features and Functions (Cont'd)		
(2) Conditioning Per Termination		
- C Type	\$5.80	(R)
- Improved Attenuation Distortion*	None	
- Improved Envelope Delay Distortion*	None	
- Data Capability	\$5.15	(R)
- Telephoto Capability	\$5.47	(R)
- Sealing Current	None	
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Termination		
- Two-Wire	\$8.29	(R)
- Four-Wire	\$8.29	(R)
(4) Customer Specified Receive Level per two-wire termination	\$6.26	(R)

* 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.

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

		<u>Monthly Rate</u>	
(C)	Optional Features and Functions (Cont'd)		
(5)	Multiplexing Per arrangement Voice to Telegraph Grade	\$137.23	(R)
(6)	Signaling Capability Per termination	\$ 13.28	(R)
(7)	Selective Signaling Arrangement Per arrangement	\$ 3.95	(R)
(8)	Transfer Arrangement (key activated* or dial up**)		
-	Per four port arrangement including control channel termination***	\$ 1.88	(R)
-	Per five port arrangement including control channel termination***	\$ 4.35	(R)
(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 - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.5 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

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ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.6 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.7 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)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	\$ 150.63 (R)	\$241.51	(R)
- DS1C 3.152 Mbps	ICB	ICB	
- DS2 6.312 Mbps	ICB	ICB	
- DS3 44.736 Mbps	\$1,241.82 (R)	\$325.67	(R)
- DS4 274.176 Mbps	ICB	ICB	
(B) Channel Mileage			
		<u>Monthly Rate</u>	
(1) Channel Mileage Facility Per Mile			
- 64.0 Kbps	\$ 3.14		(R)
- 1.544 Mbps	\$ 9.33		(R)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$ 81.17		(R)
- 274.176 Mbps	ICB		
(2) Channel Mileage Termination Per Termination			
- 64.0 Kbps	\$ 31.54		(R)
- 1.544 Mbps	\$ 48.35		(R)
- 3.152 Mbps	ICB		
- 6.312 Mbps	ICB		
- 44.736 Mbps	\$ 310.46		(R)
- 274.176 Mbps	ICB		

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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)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	\$287.75	(R)
	DS2 to DS1	ICB	
	DS1C to DS1	ICB	
	DS1 to Voice*	118.76	(R)
	DS1 to DSO	118.76	(R)
	DSO to Subrates		
	- Up to 20 2.4 kbps services	\$283.91	(R)
	- Up to 10 4.8 kbps services	192.92	(R)
	- Up to 5 9.6 kbps services	171.07	(R)

* 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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7852 Walker Drive, Greenbelt, Maryland 20770

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)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*	\$ 95.85		(R)
(3) Transfer Arrangement (key activated** or dial up***) Per four port arrangement including control channel termination****	\$104.47		(R)
(E) Network Channel Terminating Equipment (NCTE) Per termination#			
- 1.544 Mbps	\$ 54.36		(R)
- Automatic Loop Transfer	218.41		(R)
(F) DSL Access Service Connection			
- per 1.544 Mbps	\$ 151.94	(R)	\$326.80 (R)
- per 44.736 Mbps	1,055.11	(R)	472.04 (R)

* 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 - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

Reserved for future use.

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services

17.4.1 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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

17.4 Other Services (Cont'd)

17.4.3 Additional Labor (Cont'd)

Each Half Hour or Fraction Thereof

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

* 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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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

	<u>Monthly Rate</u>	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.

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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.

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)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	\$0.97 per month	(R)
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(2) Single Line Business ARC

Per line or trunk assessed a Single Line Business End User Common Line	\$3.00 per month	
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(3) Multiline Business ARC

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

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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

(A)	Voice Grade Secure <u>Communications</u>	Monthly <u>Rate</u>	Nonrecurring <u>Charges</u>	Termination <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			
	<u>Wideband Secure 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	

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

(N)

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

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

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

(N)

(N)

Transmittal No. 209

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network

17.4.8.1 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.1 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (Cont'd)

17.4 Other Services (Cont'd)

17.4.8 Public Packet Data Network (Cont'd)

17.4.8.2 Reserved For Future Use (Cont'd)

(C)

(D)

(D)

Transmittal No. 221

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)

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	\$ 32.98	(R)	\$215.89	(R)
5 Mbps	\$ 40.48	(R)	\$215.89	(R)
10 Mbps	\$ 46.75	(R)	\$215.89	(R)
20 Mbps	\$ 51.32	(R)	\$215.89	(R)
50 Mbps	\$ 59.33	(R)	\$215.89	(R)
100 Mbps	\$ 65.93	(R)	\$215.89	(R)
250 Mbps	\$ 93.89	(R)	\$215.89	(R)
500 Mbps	\$123.05	(R)	\$323.47	(R)
750 Mbps	\$143.00	(R)	\$323.47	(R)
1 Gbps	\$163.70	(R)	\$323.47	(R)
2.5 Gbps	\$316.42	(R)	\$323.47	(R)
5 Gbps	\$480.42	(R)	\$323.47	(R)
10 Gbps	\$656.01	(R)	\$323.47	(R)

- (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	\$ 124.66	(R)	\$215.89	(R)
5 Mbps	\$ 126.04	(R)	\$215.89	(R)
10 Mbps	\$ 127.82	(R)	\$215.89	(R)
20 Mbps	\$ 144.62	(R)	\$215.89	(R)
50 Mbps	\$ 163.47	(R)	\$215.89	(R)
100 Mbps	\$ 171.05	(R)	\$215.89	(R)
250 Mbps	\$ 178.64	(R)	\$215.89	(R)
500 Mbps	\$ 236.33	(R)	\$323.47	(R)
750 Mbps	\$ 271.85	(R)	\$323.47	(R)
1 Gbps	\$ 315.11	(R)	\$323.47	(R)
2.5 Gbps	\$ 607.98	(R)	\$323.47	(R)
5 Gbps	\$ 923.38	(R)	\$323.47	(R)
10 Gbps	\$1,252.45	(R)	\$323.47	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)(B) Ports

(1) Per ETS Basic Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
2 Mbps	\$ 45.15	(R)	\$189.54	(R)
5 Mbps	\$ 49.98	(R)	\$189.54	(R)
10 Mbps	\$ 55.20	(R)	\$189.54	(R)
20 Mbps	\$ 61.32	(R)	\$189.54	(R)
50 Mbps	\$ 65.00	(R)	\$189.54	(R)
100 Mbps	\$ 70.90	(R)	\$189.54	(R)
250 Mbps	\$ 97.86	(R)	\$189.54	(R)
500 Mbps	\$ 124.08	(R)	\$283.95	(R)
750 Mbps	\$ 156.90	(R)	\$283.95	(R)
1 Gbps	\$ 189.07	(R)	\$283.95	(R)
2.5 Gbps	\$ 363.13	(R)	\$283.95	(R)
5 Gbps	\$ 551.95	(R)	\$283.95	(R)
10 Gbps	\$ 755.31	(R)	\$283.95	(R)

(2) Per ETS Interconnection Port

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
44.736 Mbps	\$ 735.83	(R)	\$128.07	(R)
155.52 Mbps	\$ 883.00	(R)	\$191.74	(R)
622.08 Mbps	\$1,471.67	(R)	\$191.74	(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)

(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	\$150.03	(R)
5 Mbps	\$0.00	\$150.03	(R)
10 Mbps	\$0.00	\$150.03	(R)
20 Mbps	\$0.00	\$150.03	(R)
50 Mbps	\$0.00	\$150.03	(R)
100 Mbps	\$0.00	\$150.03	(R)
250 Mbps	\$0.00	\$150.03	(R)
500 Mbps	\$0.00	\$224.68	(R)
750 Mbps	\$0.00	\$224.68	(R)
1 Gbps	\$0.00	\$224.68	(R)
2.5 Gbps	\$0.00	\$224.68	(R)
5 Gbps	\$0.00	\$224.68	(R)
10 Gbps	\$0.00	\$224.68	(R)

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>
\$0.27 (R)	\$0.56 (R)

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>
\$0.16 (R)	\$0.31 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)(C) ETS Ethernet Virtual Connections (EVCs)

(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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.09	\$0.17 (R)

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

Near	Real
<u>Real Time</u>	<u>Time</u>
\$0.06	\$0.13

(2) Per Interswitch ETS EVC

<u>Capacity</u>	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>	
2 Mbps	\$ 19.35	(R)	\$150.03	(R)
5 Mbps	\$ 26.16	(R)	\$150.03	(R)
10 Mbps	\$ 49.05	(R)	\$150.03	(R)
20 Mbps	\$ 98.11	(R)	\$150.03	(R)
50 Mbps	\$ 132.35	(R)	\$150.03	(R)
100 Mbps	\$ 211.11	(R)	\$150.03	(R)
250 Mbps	\$ 434.97	(R)	\$150.03	(R)
500 Mbps	\$ 724.75	(R)	\$224.68	(R)
750 Mbps	\$ 963.13	(R)	\$224.68	(R)
1 Gbps	\$1,260.43	(R)	\$224.68	(R)
2.5 Gbps	\$2,427.76	(R)	\$224.68	(R)
5 Gbps	\$3,689.36	(R)	\$224.68	(R)
10 Gbps	\$5,046.43	(R)	\$224.68	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)(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>
\$0.92 (R)	\$1.85 (R)

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>
\$0.55 (R)	\$1.11 (R)

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>
\$0.34 (R)	\$0.66 (R)

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>
\$0.21 (R)	\$0.41

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)(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	\$ 12.90	(R)	\$300.05	(R)
5 Mbps	\$ 16.35	(R)	\$300.05	(R)
10 Mbps	\$ 29.43	(R)	\$300.05	(R)
20 Mbps	\$ 58.87	(R)	\$300.05	(R)
50 Mbps	\$ 88.23	(R)	\$300.05	(R)
100 Mbps	\$ 141.80	(R)	\$300.05	(R)
250 Mbps	\$ 295.16	(R)	\$300.05	(R)
500 Mbps	\$ 456.91	(R)	\$450.08	(R)
750 Mbps	\$ 621.38	(R)	\$450.08	(R)
1 Gbps	\$ 787.76	(R)	\$450.08	(R)
2.5 Gbps	\$1,518.90	(R)	\$450.08	(R)
5 Gbps	\$2,307.41	(R)	\$450.08	(R)
10 Gbps	\$3,154.02	(R)	\$450.08	(R)

(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	\$ 57.95	(R)	\$300.05	(R)
5 Mbps	\$ 75.23	(R)	\$300.05	(R)
10 Mbps	\$ 145.89	(R)	\$300.05	(R)
20 Mbps	\$ 277.13	(R)	\$300.05	(R)
50 Mbps	\$ 459.08	(R)	\$300.05	(R)
100 Mbps	\$ 648.48	(R)	\$300.05	(R)
250 Mbps	\$ 1,475.67	(R)	\$300.05	(R)
500 Mbps	\$ 2,021.68	(R)	\$450.08	(R)
750 Mbps	\$ 2,712.06	(R)	\$450.08	(R)
1 Gbps	\$ 3,433.15	(R)	\$450.08	(R)
2.5 Gbps	\$ 6,608.11	(R)	\$450.08	(R)
5 Gbps	\$10,042.69	(R)	\$450.08	(R)
10 Gbps	\$13,730.85	(R)	\$450.08	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)(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	\$ 97.05	(R)	\$300.05	(R)
5 Mbps	\$ 153.64	(R)	\$300.05	(R)
10 Mbps	\$ 299.22	(R)	\$300.05	(R)
20 Mbps	\$ 404.36	(R)	\$300.05	(R)
50 Mbps	\$ 818.17	(R)	\$300.05	(R)
100 Mbps	\$ 997.39	(R)	\$300.05	(R)
250 Mbps	\$ 1,729.85	(R)	\$300.05	(R)
500 Mbps	\$ 2,368.79	(R)	\$450.08	(R)
750 Mbps	\$ 3,186.94	(R)	\$450.08	(R)
1 Gbps	\$ 4,051.87	(R)	\$450.08	(R)
2.5 Gbps	\$ 7,801.45	(R)	\$450.08	(R)
5 Gbps	\$11,851.33	(R)	\$450.08	(R)
10 Gbps	\$16,207.02	(R)	\$450.08	(R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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

(1) DSL Access Service Connection

(a) Per ETS Basic Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>	
2 Mbps	\$109.78	(R)
5 Mbps	\$109.78	(R)
10 Mbps	\$109.78	(R)
20 Mbps	\$109.78	(R)
50 Mbps	\$109.78	(R)
100 Mbps	\$109.78	(R)
250 Mbps	\$109.78	(R)
500 Mbps	\$164.87	(R)
750 Mbps	\$164.87	(R)
1 Gbps	\$164.87	(R)
2.5 Gbps	\$164.87	(R)
5 Gbps	\$164.87	(R)
10 Gbps	\$164.87	(R)

(b) Per ETS Interconnection Port equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>	
44.736 Mbps	\$ 109.78	(R)
155.52 Mbps	\$ 164.87	(R)
622.08 Mbps	\$ 164.87	(R)

Transmittal No. 224

ACCESS SERVICE

17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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>
		\$5.13 (R)
Per 10 Mbps increment	\$2.33 (R)	

(d) Per ETS Design Change

<u>Nonrecurring Charge</u>
\$5.78 (R)

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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)(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	\$ 86.58	(R)	\$409.83	(R)
2.5 Gbps to 10 Gbps	\$217.14	(R)	\$409.83	(R)

(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	\$199.38	(R)	\$409.83	(R)
2.5 Gbps to 10 Gbps	\$484.79	(R)	\$409.83	(R)

(H) ETS Term Discount Plan

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

(I) ETS Volume Discount Plan

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

Transmittal No. 224

ACCESS SERVICE17. Rates and Charges - Pineland Telephone Cooperative, Inc. (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.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
(A) IPG Transport Termination Per Termination			
- DS1 1.544 Mbps	\$ 150.63 (R)	\$241.51 (R)	
- DS3 44.736 Mbps	\$1,241.82 (R)	\$325.67 (R)	
(B) IPG Transport Mileage			
		<u>Monthly Rate</u>	
(1) IPG Transport Mileage Facility Per Mile			
- 1.544 Mbps	\$ 9.33		(R)
- 44.736 Mbps	\$81.17		(R)
(2) IPG Transport Mileage Termination Per Termination			
- 1.544 Mbps	\$ 48.35		(R)
- 44.736 Mbps	\$310.46		(R)
(C) IPG Port Per Port			
- 1.544 Mbps	\$ 48.35		(R)
- 44.736 Mbps	\$598.20		(R)

Transmittal No. 224