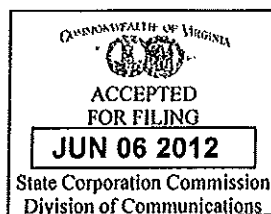


**ACCESS SERVICE
REFERENCE FILING**

The attached National Exchange Carrier Association, Inc. Access Tariff FCC #5 filed for reference by the listed companies with regard to Rules and Regulations and application details, terms and conditions. The material contained herein will be specifically cross-referenced in each company's Virginia Access Tariff. All jurisdictional references to Interstate should be read as Intrastate where applicable in Virginia.

The following companies are participants in the Virginia Access Tariff #2:

Amelia Telephone Corporation - #0217	
Buggs Island Telephone Cooperative - #0219	
Burke's Garden Telephone Company - #0220	
Citizen's Telephone Cooperative - #0225	
	(D)
LUMOS Telephone Inc. - #0226	(C)
Highland Telephone Cooperative - #0237	
Mountain Grove-Williamsville Telephone Company - #0238	
New Castle Telephone Company - #3029	
New Hope Telephone Cooperative - #0239	
	(D)
Pembroke Telephone Cooperative - #0243	
Peoples Mutual Telephone Company - #0244	
LUMOS Telephone of Botetourt Inc. - #0249	(C)
Scott County Telephone Cooperative - #0248	
Shenandoah Telephone Company - #0250	
Virginia Telephone Company - #0253	



It is the intention of the above companies with the consent of the Virginia State Corporation Commission to keep the NECA FCC Tariff #5 up to date with Federal filings for concurrence use. No rates indicated in the NECA FCC Tariff #5 are applicable unless they coincidentally are the same as those on file in each specific Virginia Access Tariff. Not all sections of the NECA FCC Tariff #5 will be applicable in Virginia.

Virginia Telephone Companies Listed on the Title Page

0249 LUMOS TELEPHONE OF BOTETOURT INC.

Virginia Access Tariff #2
Twentieth Revised Page 1
Cancels Nineteenth Revised Page 1

ACCESS SERVICE

CHECK SHEET

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*Revised Pages

Issued: June 29, 2021

Effective: July 1, 2021

ACCESS SERVICE

Regulations, Rates and Charges applying to the provision of Access Service for connection to intrastate communications facilities for Intrastate Customers within the operating territory of the companies listed below in the State of Virginia are provided herein.

Amelia Telephone Corporation - #0217
Buggs Island Telephone Cooperative - #0219
Burke's Garden Telephone Company - #0220
Citizen's Telephone Cooperative - #0225
LUMOS Telephone Inc. - #0226 (C)
Highland Telephone Cooperative - #0237
Mountain Grove-Williamsville Telephone Company - #0238
New Castle Telephone Company - #3029
New Hope Telephone Company - #0239
Pembroke Telephone Cooperative - #0243
Peoples Mutual Telephone Company - #0244
LUMOS Telephone of Botetourt Inc. - #0249 (C)
Scott County Telephone Cooperative - #0248
Shenandoah Telephone Company - #0250
Virginia Telephone Company - #0253

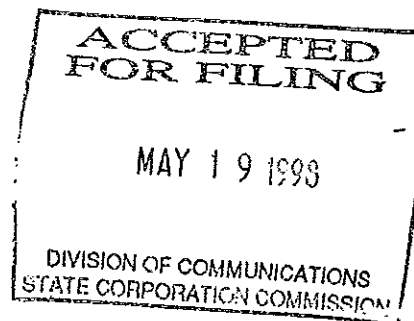


Access services are provided by means of wire, fiber optics, radio or any other suitable technology or a combination thereof.

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(D)

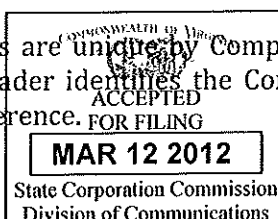


ACCESS SERVICE

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*Note: Section 17 Rates and Charges are unique by Company. The company number in parenthesis following the Section header identifies the Company. See Title Page for the Company name and number cross reference.

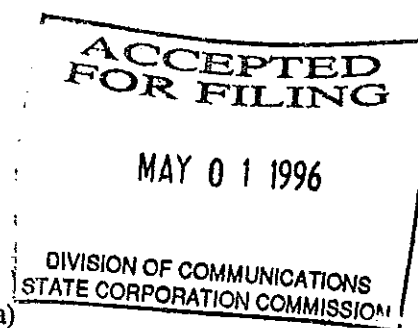


ACCESS SERVICE**USERS GUIDE****General**

- This tariff references the National Exchange Carrier Association, Inc., Access Service Tariff F.C.C. No. 5 for its terms and conditions. This tariff contains rates applicable to Intrastate Access Services provided within the State of Virginia by the companies listed on the Title page with the exception of End User Access, Lifeline Assistance and Universal Service Fund rates.
- Regulations, terms and conditions applicable of these services are therefore specifically cross referenced and included in the following sections of the National Exchange Carrier Association, Inc. Access Service Tariff F.C.C. No. 5:
- All references contained in NECA Tariff FCC #5 to interstate jurisdiction should likewise be read intrastate where applicable.

Users Guide
Explanation of Abbreviations
Reference to Other Tariffs
Reference to Technical Publications

Section 2	General Regulations
Section 3	Carrier Common Line Access Service
Section 4	End User Access Service (Not Applicable in Virginia)
Section 5	Ordering Options
Section 6	Switched Access Service
Section 7	Special Access Service
Section 8	Lifeline Assistance and Universal Service Fund (Not Applicable in Virginia)
Section 9	Directory Assistance Service
Section 10	Special Federal Government Access Service
Section 11	Special Facilities Routing of Access Service
Section 12	Specialized Service or Arrangements
Section 13	Additional Engineering, Additional Labor and Miscellaneous Services
Section 14	Exceptions
Section 15	Access Service Interfaces and Transmission Specifications



Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

CONCURRING CARRIERS

The Companies listed on the Title Page.

OTHER PARTICIPATING CARRIERS

None

REGISTERED SERVICE MARKS

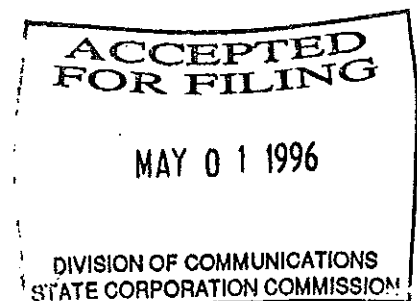
None

REGISTERED TRADEMARKS

None

EXPLANATION OF SYMBOLS

- (C) — To signify changed regulation
- (D) — To signify discontinued rate of regulation
- (I) — To signify increase
- (M) — To signify matter relocated without change
- (N) — To signify new rate or regulation
- (R) — To signify reduction
- (S) — To signify reissued matter
- (T) — To signify a change in text but no change in rate or regulation
- (Z) — To signify a correction



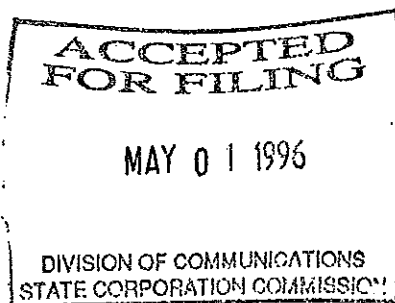
ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains rates and charges applicable to the provision of Switched Access and Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided by the companies listed on the Title Page, hereinafter referred to as the Telephone Company, to customers. This tariff also contains Access Ordering charges that are applicable when these services are ordered or modified by the customer.

This tariff references the National Exchange Carrier Association Tariff No. 5.

- 1.2 The provision of such service by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the Customer for the furnishing of any service.
- 1.3 Rates identified as N/A Not Applicable or ICB Individual Case Basis may or may not be applicable to a specific Telephone Company. Contact the Company concerning availability.

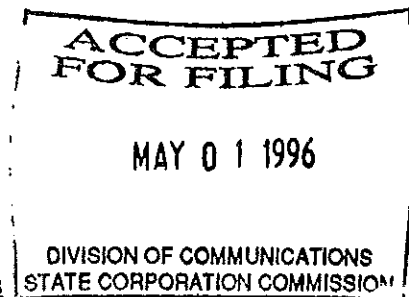


ACCESS SERVICE

2. General RegulationsRates: The interest rate per day in Sections 2.4.1(C)(2)(b) and 2.4.1(E)(2)

<u>Company Number</u>	<u>Rate per Day</u>
0217	.000590
0219	.000590
0220	.000590
0225	.000590
0226	.000590
0237	.000590
0238	.000590
3029	.000590
0239	.000590
0236	.000590
0243	.000590
0244	.000590
0249	.000590
0248	.000590
0250	.000590
0253	.000590

3. Carrier Common Line Access Service
4. End User Access Service (Not Applicable in Virginia)
5. Access Ordering
6. Switched Access Service
7. Special Access Service
8. Lifeline Assistance and Universal Service Fund Charges (Not Applicable in Virginia)
9. Directory Assistance Service
10. Special Federal Government Access Services
11. Special Facilities Routing of Access Service
12. Specialized Service or Arrangements
13. Additional Engineering, Additional Labor and Miscellaneous Services



The regulations for the above tariff sections are the same as those contained in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 5, Access Service.

Specific cross reference is therefore made to NECA Tariff F.C.C. No. 5, Sections 2 through 13.

Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

14. Exceptions to Access Service Offerings

The services offered under the provisions of this tariff are subject to availability as set forth in the National Exchange Carrier Association, Inc. Access Service Tariff F.C.C. No. 5, Section 2.1.4. In addition, the following exceptions apply:

(In planning an end-to-end service, the customer should contact the Telephone Company in each customer designated premises city to assure itself that all of the service or service components required for a given customer service are currently available.)

14.1 The following service(s) is (are) not offered.

Section 4 End User Access Charges

Section 8 Lifeline Assistance and Universal Service Fund Charges

14.2 The following offering(s) is (are) limited to existing locations. No inside moves, rearrangements or additions will be permitted.

None

14.3 The following offering(s) is (are) limited to existing locations. Inside moves or rearrangements may be undertaken. However, no additions will be permitted.

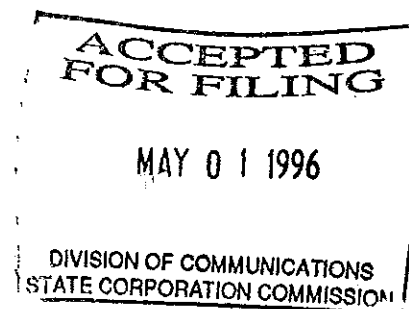
None

14.4 The following offering(s) is (are) limited to existing locations where additional units may be added for growth. Inside moves or rearrangements may be undertaken.

None

14.5 The following offering(s) is (are) limited to existing locations where additional units may be added for growth. However, inside moves or rearrangements will not be permitted.

None

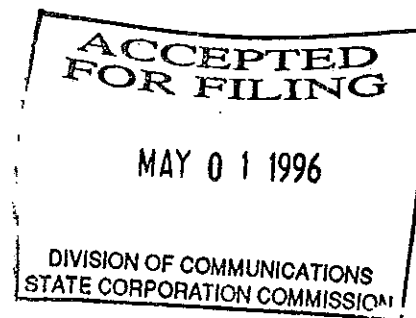


ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications

The Access Service Interfaces and Transmission Specifications applicable to services offered in this tariff are the same as those applicable to the NECA Tariff F.C.C. No. 5.

Specific cross reference is therefore made to the NECA Tariff F.C.C. No. 5, Section 15.

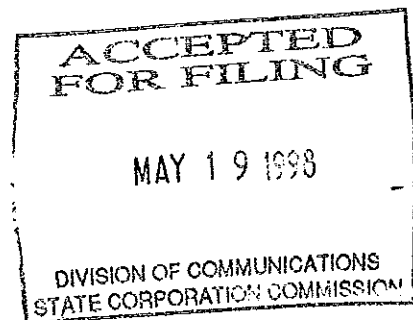


Issued: March 1, 1996

Effective: May 1, 1996

Access Charge Task Force of the
VTIA Small Company Committee

ACCESS SERVICE



Final Order in Case No. PUC870004 dated January 28, 1998 removed tariff regulation for the services formally in this Section.

Issued: June 1, 1998

Effective: July 1, 1998

Virginia Telephone Companies listed below:

Virginia Access Tariff #2
Eighth Revised Page 37
Cancels Seventh Revised Page 37

ACCESS SERVICE

17. (0249) Rates and Charges

All Tariff Section references contained herein are to the National Exchange Carrier Association (NECA) Access Service Tariff F.C.C. No. 5. (D)

17.1 Common Line Access Service

17.1.1 Carrier Common Line Access Service

The Carrier Common Line (CCL) Service is assessed on the total number of access minutes.

<u>Premium Access</u>	<u>Rate</u>
- Terminating per access minute	\$0.00
- Originating per access minute	\$0.00

(R)



Virginia Telephone Companies listed below:

Virginia Access Tariff #2
Fourth Revised Page 38
Cancels Third Revised Page 38

ACCESS SERVICE

17. (0249) Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.1 Nonrecurring Charges

	<u>Rate</u>	(D)
		(D)
		(D)
(A) <u>Local Transport – Installation</u>		
Per Entrance Facility		(D)
Voice Grade Two-Wire	\$483.86	(I)
Voice Grade Four-Wire	\$483.86	
High Capacity DS1	\$354.84	
High Capacity DS3	\$478.49	(I)
(B) <u>Interim NXX Translation Per Order</u>		
Per LATA or Market Area	\$236.56	(I/D)
(C) <u>FGC and FGD Conversion of Multi-Frequency Address Signaling to SS7 Signaling or SS7 Signaling to Multifrequency Address Signaling</u>		
Per 24 Trunks Converted or Fraction Thereof on a Per Order Basis	\$475.25	(I/D)
(D) <u>Direct Trunked Transport Activation</u>		
Per 24 Trunks Activated or Fraction Thereof on a Per Order Basis	\$493.53	(I/D)

ACCESS SERVICE17.(0249) Rates and Charges (cont.)17.1 Switched Access Service, (cont.)17.2.2 Recurring ChargesRateLocal TransportPremium AccessEntrance Facility, per Termination

Voice Grade, Two-Wire \$ 26.58

Voice Grade, Four-Wire \$ 42.54

High Capacity DS1 \$ 129.61

High Capacity DS3 \$1,183.42

Direct Trunked TransportDirect Trunked Facility, per mile

Voice Grade \$ 1.96

High Capacity DS1 \$ 8.88

High Capacity DS3 \$ 77.36

Direct Trunked Termination, per termination

Voice Grade \$ 19.03

High Capacity DS1 \$ 46.07

High Capacity DS3 \$ 295.85

Multiplexing, per Arrangement

DS1 \$ 269.93

DS1 to Voice \$ 104.21

Rate
OriginatingRate
Terminating
And
VOIP OriginatingTandem Switched TransportTandem Switched Facility

per Access Minute Per Mile

Non-Toll free*

\$0.000543

\$0.000114

(C)

Tandem Switched Termination

per Access Minute Per Termination

Non-Toll free*

\$0.006702

\$0.000592

(C)

Tandem Switching Per Access Min –

Non-Toll free*

N/A

N/A

(N)

* Effective July 1, 2021, pursuant to FCC 20-143, separate rate elements for Toll Free and Non-Toll Free originating transport services were established.

Virginia Telephone Companies listed below:

Virginia Access Tariff #2
Fifth Revised Page 40
Cancels Fourth Revised Page 40

ACCESS SERVICE

17.(0249) Rates and Charges (cont.)

17.1 Switched Access Service, (cont.)

17.2.2 Recurring Charges

	<u>Rate Originating</u>	<u>Rate VOIP Originating</u>
Joint Tandem Switched Transport Per Originating Toll Free Only Access Min per Tandem*	\$0.001	\$0.001

*Applies to originating toll free minutes in lieu of the Tandem Switched Transport Facility. Tandems Switched Terminations and Tandem Switching

Virginia Telephone Companies listed below:

Virginia Access Tariff #2
Fifth Revised Page 41
Cancels Fourth Revised Page 41

ACCESS SERVICE

17. (0249) Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

17.2.2 Recurring Charges (Cont'd)

Rate

Tariff
Section
Reference

Local Transport (Cont'd)

(A) Common Channel Signaling Network Connection

(1) Signaling Network Access Link

Signaling Mileage Facility
Per Mile \$ 2.55

Signaling Mileage Termination
Per Termination \$ 25.62

Signal Entrance Facility
Per Facility \$ 49.06
Non Recurring Charge \$419.35

(2) STP Port
Per Port \$252.85

(B) 800 Data Base Access Services Queries

Per Query
Basic \$0.004248 (R)
Vertical Feature \$0.004248 (R)

Virginia Telephone Companies listed below:

Virginia Access Tariff #2
Tenth Revised Page 42
Cancels Ninth Revised Page 42

ACCESS SERVICE

17. (0249) Rates and Charges (Cont'd)

17.2 Switched Access Service (Cont'd)

Regulations concerning Switched Access End Office Service are set forth in the John Staurulakis, Inc. FCC Tariff No. 1

17.2.3 End Office

(A) Local Switching

Premium – Per Access Minute

	<u>Rate</u>	
Originating – Non-Toll Free - Non VOIP Traffic	\$0.02730	(C)
Originating – Non-Toll Free - VOIP Traffic	\$0.019200	(C)
Originating – Toll Free – Non VOIP Traffic	\$0.010865	(N)
Originating – Toll Free - VOIP Traffic	\$0.010865	(N)
Terminating – All Traffic	\$0.000000	

(B) Information Surcharge

Premium Per 100 Access Minutes

Originating – Non-Toll Free - Non VOIP Traffic	\$0.0475	(C)
Originating – Non-Toll Free - VOIP Traffic	\$0.0528	(C)
Originating – Toll Free – Non VOIP Traffic	\$0.029872	(N)
Originating – Toll Free - VOIP Traffic	\$0.029872	(N)
Terminating – All Traffic	\$0.000000	

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.2 Switched Access Service (Cont'd)17.2.4 Directory Assistance Service
enceRateTariff
Section
Refer(A) Directory Assistance Service

\$0.45

9.4.2

A Directory Assistance Service Charge applies
for each call to Directory Assistance Service.

Exceptions: These tariff rates predate the existing NECA No. 5 in which Local Transport has been restructured. Those companies that have NOT restructured Local Transport charges will apply the following rates:

Directory Access Installation Charge

\$290.13

9.4.1

Directory Transport per call

\$0.008

9.4.3

This charge applies in lieu of premium local transport charges

(B) Credit Allowance for Uncompleted DA Calls

In addition to the credit allowances for Directory Assistance Service Call and Directory Transport as set forth, respectively, in Sections 9.4.8(A) and (B) of the NECA Tariff F.C.C. No. 5, there is also a credit allowance for the Switched Access Service portion in the originating LATA of such DA call. The credit will be as set forth following:

- (1) Credit per call when Feature Group A or B Switched Access Service is billed using premium per minute rates

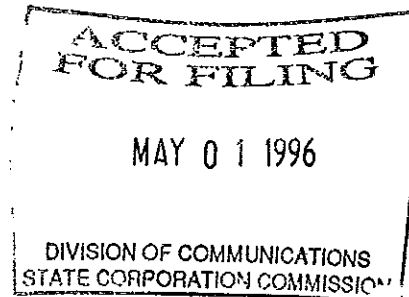
N/A

9.4.8

- (2) Credit per call when Feature Group C or D Switched Access Service is billed using premium per minute rates

N/A

9.4.8



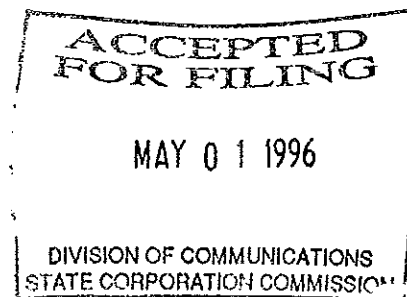
Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.2 Switched Access Service (Cont'd)

	Assumed Minutes Per Month Per Line or Trunk	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
	<u>Rate</u>	
17.2.6 <u>Operator Transfer Service</u> <u>Per Call Transferred</u>	N/A	6.10.4



Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)

17.3 Special Access Service

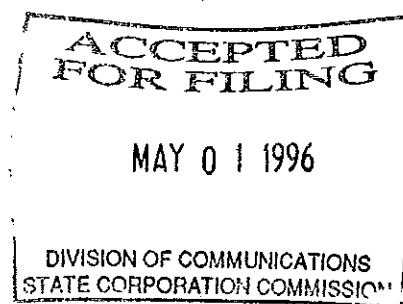
17.3.1 Surcharge for Special Access Service

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

Rate per Month

- Per Voice Grade Equivalent

\$25.00



Issued: March 1, 1996

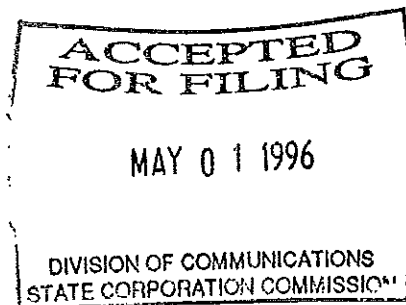
Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.2 Metallic Service

Regulations concerning Metallic Service are set forth in Section 7.4 of the NECA Tariff F.C.C. No. 5.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination	\$18.75	\$38.54
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$23.52	
(2) Channel Mileage Termination Per Termination	N/A	
(C) Optional Features and Functions		
(1) Bridging		
(a) Three Premises Bridging Per Port	\$4.19	
(b) Series Bridging Per Port	\$4.19	



Issued: March 1, 1996

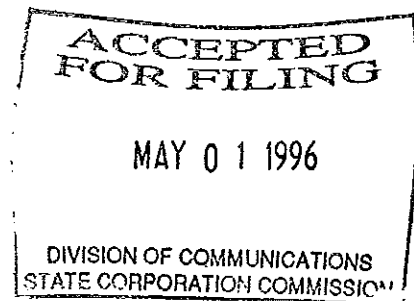
Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)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 of the NECA Tariff F.C.C. No. 5.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
— Two-Wire	\$18.75	\$38.54
— Four-Wire	\$34.91	\$38.54
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$1.88	
(2) Channel Mileage Termination Per Termination	\$18.97	
(C) Optional Features and Functions		
(1) Telegraph Bridging Per Port		
— Two-Wire	\$4.19	
— Four-Wire	\$4.19	



Issued: March 1, 1996

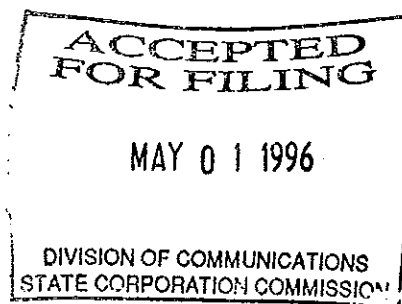
Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service

Regulations concerning Voice Grade Services are set forth in Section 7.6 of the NECA Tariff F.C.C. No. 5.

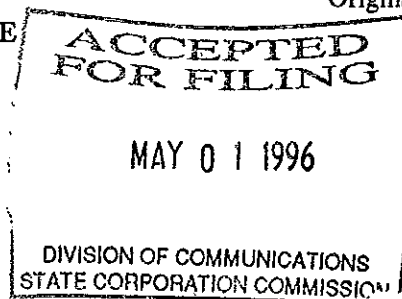
	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
— Two-Wire	\$32.07	\$223.24
— Four-Wire	\$46.18	\$223.24
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile	\$1.88	
(2) Channel Mileage Termination Per Termination	\$18.97	
(C) Optional Features and Functions		
(1) Bridging		
(a) <u>Voice Bridging</u> Per Port		
Two-Wire/Four Wire		
Two-Wire	\$4.19	
Four-Wire	\$4.19	



Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)(C) Optional Features and Functions (Cont'd)Monthly
Rate(1) Bridging (Cont'd)(b) Data Bridging Per Port

— Two-Wire	\$4.19
— Four-Wire	\$4.19

(c) Telephoto Bridging Per Port

— Two-Wire	\$4.19
— Four-Wire	\$4.19

(d) DATAPHONE Select-A-Station Bridging

Sequential Arrangement, Ports Per Channel Connected

— Two-Wire	\$23.31
— Four-Wire	\$123.84

Addressable Arrangement, Ports Per Channel
Connected

— Two-Wire	\$24.99
— Four-Wire	\$127.22

(e) Telemetry and Alarm BridgingActive Bridging Channel Connections Per Channel
Connected

— Split Band	\$8.83
— Summation	\$1.51

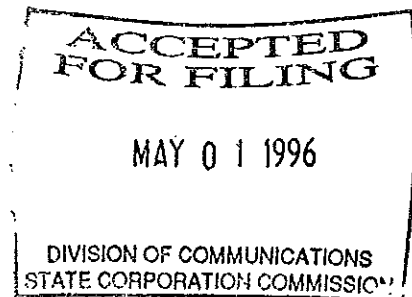
Passive Bridging Channel Connections Per Channel
Connected

\$0.22

ACCESS SERVICE

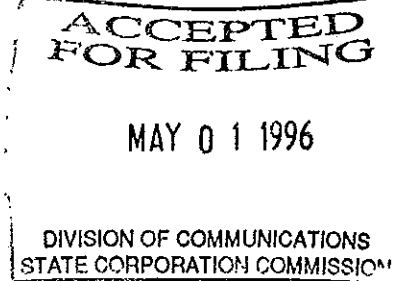
17.(0249) Rates and Charges (cont'd)17.3 Special Access Service (Cont'd)17.3.4 Voice Grade Service (Cont'd)

(C) Optional Features and Functions (Cont'd)	Monthly Rate
(2) Conditioning Per Termination	
— C Type	\$6.25
— Improved Attenuation Distortion*	None
— Improved Envelope Delay Distortion*	None
— Data Capability	\$1.39
— Telephoto Capability	\$3.09
— Sealing Current	None
(3) Improved Return Loss For Effective Two-Wire or Four-Wire Transmission Per Termination	
— Two-Wire	\$1.85
— Four-Wire	\$1.85
(4) Customer Specified Receive Level Per Two- Wire Termination	N/A



- * 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.

ACCESS SERVICE

17.(0249) Rates and Charges (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)

(5) Multiplexing Per Arrangement Voice to Telegraph Grade	\$237.97
(6) Signaling Capability Per Termination	\$14.42
(7) Selective Signaling Arrangement Per Arrangement	\$15.42
(8) Transfer Arrangement (key activated* or dial up**)	
— Per four port arrangement including control channel termination***	\$3.30
— Per five port arrangement including control channel termination***	\$7.52
(9) Public Packet Switching Network (PPSN) Interface Arrangement Per Arrangement	ICB

* 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(A) of the NECA Tariff F.C.C. No. 5.

*** 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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DIVISION OF COMMUNICATIONS
STATE CORPORATION COMMISSION17.(0249) Rates and Charges (Cont'd)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 of NECA
Tariff F.C.C. No. 5.

	<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	\$31.54	\$3.15	\$332.26	\$332.26
— 100 to 5000 Hz	\$72.57	\$7.26	\$332.26	\$332.26
— 50 to 8000 Hz	\$72.57	\$7.26	\$332.26	\$332.26
— 50 to 15000 Hz	\$72.57	\$7.26	\$332.26	\$332.26

(B) Channel Mileage

(1) Channel Mileage Facility Per Mile

	<u>Monthly Rate</u>	<u>Daily Rate*</u>
— 200 to 3500 Hz	\$1.88	\$0.19
— 100 to 5000 Hz	\$3.76	\$0.38
— 50 to 8000 Hz	\$6.12	\$0.61
— 50 to 15000 Hz	\$8.00	\$0.80

(2) Channel Mileage Termination Per Termination

— 200 to 3500 Hz	\$18.97	\$1.90
— 100 to 5000 Hz	\$37.95	\$3.80
— 50 to 8000 Hz	\$56.92	\$5.69
— 50 to 15000 Hz	\$75.80	\$7.59

* Daily Rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the NECA Tariff

Issued: March 1, 1996

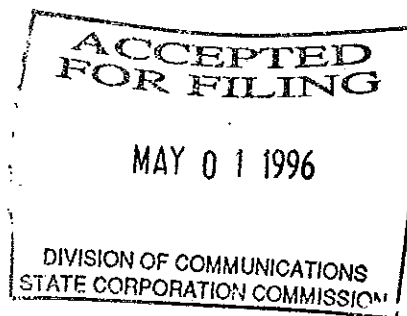
Effective: May 1, 1996

ACCESS SERVICE

F.C.C. No. 5.

17.(0249) Rates and Charges (Cont'd)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	\$21.03	\$2.10
(2) Gain Conditioning Per Service	\$6.25	\$0.63
Non Recurring Charge	\$173.13	\$173.13
(3) Stereo Per Service	N/A	N/A
Non Recurring Charge	\$381.10	\$381.10



* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the NECA Tariff
F.C.C. No. 5.

Issued: 31, 1995

Effective: May 1, 1996

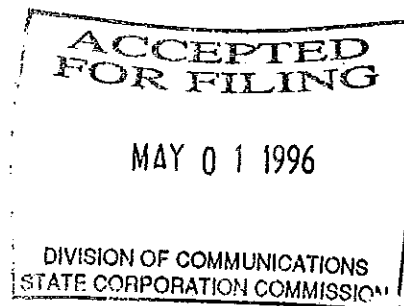
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ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.6 Video Service

Regulations concerning Video Service are set forth in Section 7.8 of the NECA Tariff F.C.C. No. 5.

	<u>Monthly Rate</u>	<u>Daily Rate*</u>	<u>Nonrecurring Charge Monthly</u>	<u>Daily</u>
(A) Channel Termination Per Termination				
— TV-1 or 2	\$422.69	\$232.48	N/A	N/A
— 4TV-5	\$412.39	\$226.81	N/A	N/A
— 6TV-5	\$438.19	\$241.00	N/A	N/A
— TV-15	\$454.82	\$250.15	N/A	N/A
		<u>Monthly Rate</u>	<u>Daily Rate*</u>	
(B) Channel Mileage				
(1) Channel Mileage Facility Per Mile				
— All		\$387.14		\$212.93
(2) Channel Mileage Termination Per Termination				
— All		\$412.35		\$226.79



* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B) of the NECA Tariff 5.

Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (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 NECA Tariff
F.C.C. No. 5.

	Monthly Rate	Nonrecurring Charge
(A) Channel Termination Per Termination		
— 2.4 kbps	\$89.38	\$311.64
— 4.8 kbps	\$89.38	\$311.64
— 9.6 kbps	\$89.38	\$311.64
— 19.2 kbps	ICB	ICB
— 56.0 kbps	\$89.38	\$207.78
— 64.0 kbps	ICB	ICB

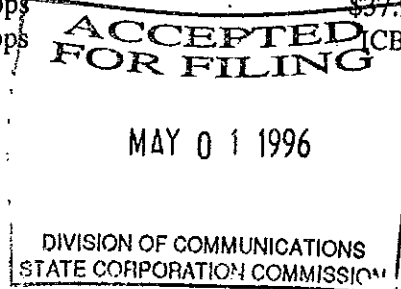
(B) Channel Mileage

(1) Channel Mileage Facility Per Mile

— 2.4 kbps	\$1.88
— 4.8 kbps	\$1.88
— 9.6 kbps	\$1.88
— 19.2 kbps	ICB
— 56.0 kbps	\$3.76
— 64.0 kbps	ICB

(2) Channel Mileage Termination Per Termination

— 2.4 kbps	\$18.97
— 4.8 kbps	\$18.97
— 9.6 kbps	\$18.97
— 19.2 kbps	ICB
— 56.0 kbps	\$37.95
— 64.0 kbps	ICB



Issued: March 1, 1996

Effective: May 1, 1996

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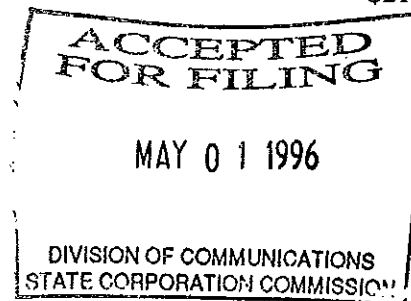
17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)Monthly
Rate17.3.7 Digital Data Service (Cont'd)

(C) Optional Features and Functions

(1) Bridging Per Port	\$26.09
(2) Loop Transfer Arrangement Per Four Port Arrangement* Key Activated** or Dial-Up***	\$6.54
(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	\$18.01
— 4.8 kbps	\$19.26
— 9.6 kbps	\$20.20
— 56.0 kbps	\$21.05



* 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.

** 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(A) of the NECA Tariff F.C.C. No. 5.

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

Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

ACCEPTED
FOR FILING

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DIVISION OF COMMUNICATIONS
STATE CORPORATION COMMISSION17.(0249) Rates and Charges (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 NECA Tariff F.C.C. No. 5.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
— DS1 1.544 Mbps	\$210.88	\$381.10
— DS1C 3.152 Mbps	ICB	ICB
— DS2 6.312 Mbps	ICB	ICB
— Capacity of 1 DS3 44.736 Mbps Interface	ICB	ICB
— per DS3 Channel Installed		ICB
— Capacity of 3 DS3 44.736 Mbps Interface	ICB	
— per DS3 Channel Installed	ICB	ICB
— Capacity of 6 DS3 44.736 Mbps Interface	ICB	
— per DS3 Channel Installed	ICB	ICB
— Capacity of 12 DS3 44.736 Mbps Interface	ICB	
— per DS3 Channel Installed	ICB	ICB
— DS4 274.176 Mbps	ICB	ICB
(B) Channel Mileage		
(1) Channel Mileage Facility Per Mile		
— 64 kbps*	\$1.25	
— 1.544 Mbps	\$30.91	
— 3.152 Mbps	ICB	
— 6.312 Mbps	ICB	
— 44.736 Mbps	ICB	
— 274.176 Mbps	ICB	
(2) Channel Mileage Termination Per Termination		
— 64 kbps*	\$17.21	
— 1.544 Mbps	\$172.56	
— 3.152 Mbps	ICB	
— 6.312 Mbps	ICB	
— 44.736 Mbps	ICB	
— 274.176 Mbps	ICB	
(C) Term Discounts	<u>Percentage</u>	
DS1 and DS3 Services		
36 months	N/A	
60 months	N/A	

* Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64 kbps.

Issued: March 1, 1996

Effective: May 1, 1996

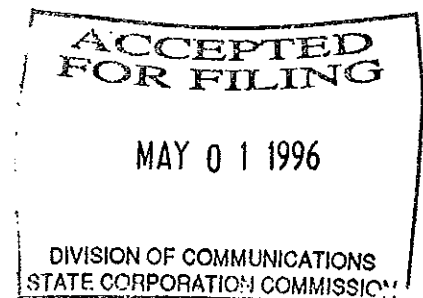
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ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

	Monthly Rate
(D) Optional Features and Functions	
(1) Multiplexing, Per Arrangement	
DS4 to DS1	ICB
DS3 to DS1	ICB
DS2 to DS1	ICB
DS1C to DS1	ICB
DS1 to Voice*	\$349.12
DS1 to DS0	\$605.30
DS0 to Substrates	
— Up to 20 2.4 kbps services	\$495.02
— Up to 10 4.8 kbps services	\$255.14
— Up to 5 9.6 kbps services	\$177.38

* A channel of this DS1 to the HUB can be used for Digital Data Service.



Issued: March 1, 1996

Effective: May 1, 1996

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17.(0249) Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)Monthly
Rate

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

(2) Automatic Loop Transfer Per Arrangement* \$426.32

(3) Transfer Arrangement (key activated** or dial-up***)
Per Four Port Arrangement Including Control
Channel Termination**** \$181.16(E) Network Channel Terminating Equipment (NCTE)
Per Termination#— 1.544 Mbps ICB
— Automatic Loop Transfer ICB

(F) Clear Channel Capability

— Per 1.544 Mbps transmission path ICB

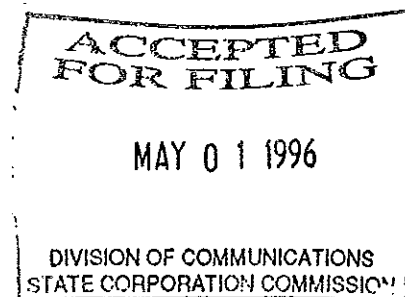
* An additional Channel Termination charge will apply whenever the spare line is provided as a leg to the customer designated premises.

** 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(A) of the NECA Tariff F.C.C. No. 5.

**** 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.



Issued: March 1, 1996

Effective: May 1, 1996

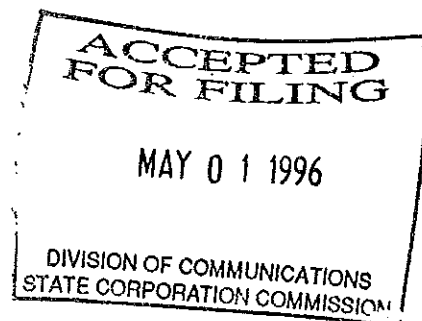
ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.9 Individual Case Filings

(Reserved For Future Use)



Issued: March 1, 1996

Effective: May 1, 1996

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17.(0249) Rates and Charges (Cont'd)17.4 Other Services17.4.1 Access Ordering(A) Access Order ChargeChargeTariff
Section
Reference

Per order

N/A

5.4.1

(B) Service Date Change Charge

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 Section 17.4.1(A) preceding does not apply. The applicable charge is:

Service Date Change Charge, per order

\$28.94

5.4.3

(C) Design Change Charge

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

\$62.52

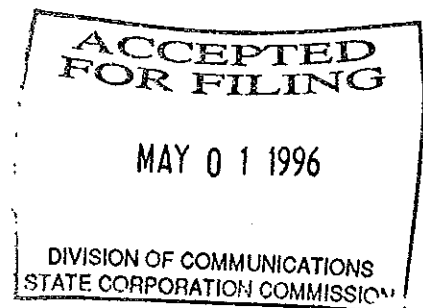
5.4.3

(D) Miscellaneous Service Order Charge

Per Occurrence

N/A

5.4.2



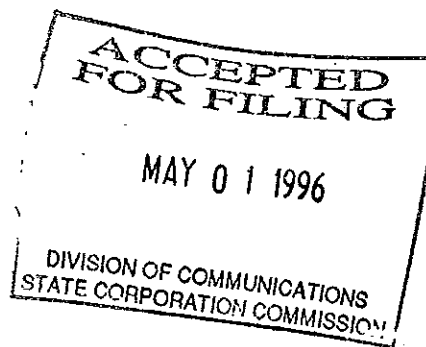
Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (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	\$16.17	13.1
(B) Overtime per engineer outside of normally scheduled working hours	\$19.18	13.1
(C) Premium Time outside of scheduled work day, per engineer	ICB	13.1



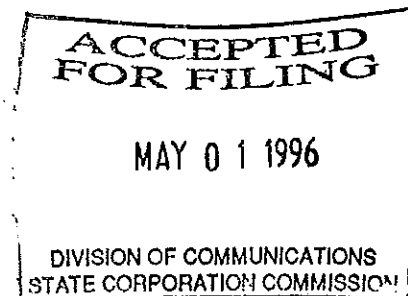
Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)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 scheduled work day, per technician	\$14.03*	13.2.1 & 13.2.2
— Premium Time, outside of scheduled work day, per technician	\$16.10*	13.2.1 & 13.2.2
(B) Stand by		
— Basic time, normally scheduled working hours, per technician	\$11.96	13.2.3
— Overtime, outside of normally scheduled working hours on a scheduled work day, per technician	\$14.03*	13.2.3
— Premium Time, outside of scheduled work day, per technician	\$16.10*	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.

Issued: March 1, 1996

Effective: May 1, 1996

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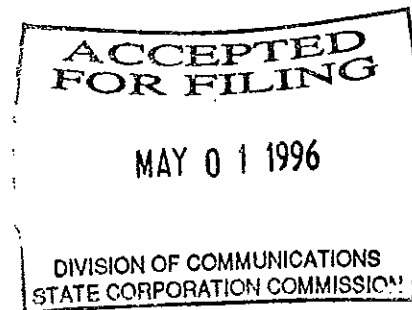
ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)Each Half Hour or Fraction Thereof

<u>Additional Labor Periods</u>	<u>Installation and Repair Technician</u>	<u>Central Office Maintenance Technician</u>	<u>Tariff Section Reference</u>
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(C) Testing and Maintenance with Other Telephone Companies, or Other Labor

— Basic Time per technician normally scheduled working hours	\$11.96	\$12.68	13.2.4 & 13.2.5
— Overtime per technician outside of normally scheduled working hours on a scheduled work day	\$14.03*	\$15.04*	13.2.4 & 13.2.5
— Premium Time per technician outside of scheduled work day	\$16.10	\$17.40*	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.

Issued: March 1, 1996

Effective: May 1, 1996

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VTIA Small Company Committee

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DIVISION OF COMMUNICATIONS
STATE CORPORATION COMMISSION17.(0249) Rates and Charges (Cont'd)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 Section 17.4.3(C) preceding.	13.3.1(A)(1)

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

<u>Additional Tests</u>	<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.

Issued: March 1, 1996

Effective: May 1, 1996

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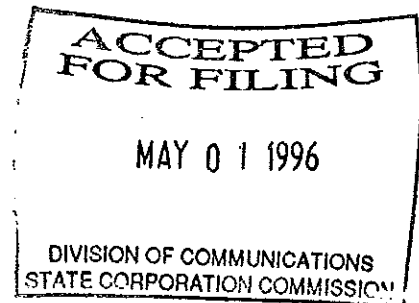
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17.(0249) Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(C) Additional Manual Testing — Switched AccessTo First Point of Switching

<u>Additional Tests</u>	<u>Each Half Hour or Fraction Thereof</u>	<u>Tariff Section Reference</u>
Gain-Slope, C-Notched Noise and any other agreed to tests, per technician	See the rates for additional Labor as set for in Section 17.4.3(C) preceding.	13.3.1(A)(3)

(D) Additional Cooperative Acceptance Testing — Special AccessTesting Periods

Basic Time, Overtime,* and Premium Time*	See the rates for Additional Labor as set forth in Section 17.4.3(C) preceding.	13.3.1(B)(1)
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* 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.

Issued: March 1, 1996

Effective: May 1, 1996

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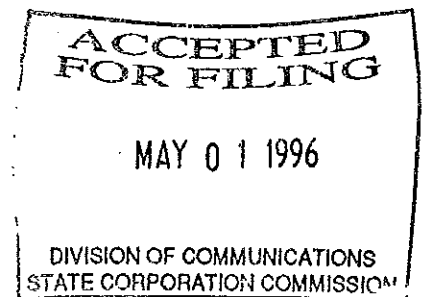
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17.(0249) Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)(E) Additional Manual Testing — Special Access

<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 Section 17.4.3(C) preceding.	13.3.1(B)(2)

(F) Maintenance of ServiceMaintenance of Service Periods

Basic Time, Overtime,* and Premium Time*	See the rates for Additional Labor as set forth in Section 17.4.3(C) preceding.	13.3.2
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* 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.

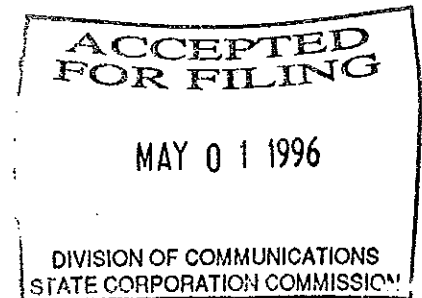
Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

	Nonrecurring Charge	Tariff Section Reference
(G) <u>Telecommunications Service Priority</u>		
Per Service Arranged	\$54.63	13.3.3
(H) <u>Controller Arrangement</u>	Monthly Rate	
Per Arrangement	\$100.00	13.3.4(A)
(I) <u>Presubscription</u>	Nonrecurring Charge	
Per Telephone Exchange Service Line or Trunk*	\$8.52	13.4
(J) <u>Unauthorized PIC Change</u>		
— Residence/Business Per Telephone Exchange Service Line or Trunk	\$12.00	13.5
— Public and/or Semipublic Pay Telephone Per Telephone Exchange Service Line or Trunk	\$ 12.00	13.5



* This charge is billed to the end user who is the subscriber to the Telephone Exchange Service. In the event an end user is incorrectly presubscribed due to misassignment on the part of the Telephone Company, no charge shall apply. In the event an end user is incorrectly presubscribed due to misassignment on the part of the IC, and the IC is unable to document such an assignment, the Telephone Company will apply the charge to the IC responsible for the misassignment of the end user and assign the end user to an IC of the end user's choice.

Issued: March 1, 1996

Effective: May 1, 1996

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.4 Miscellaneous Services (Cont'd)

(K) Blocking Service*

	Nonrecurring Charge	Tariff Section Reference
--	------------------------	--------------------------------

- | | | |
|--|-----|------|
| — Per Exchange Service Line or Trunk
and/or Per Feature Group A Switched
Access Line | N/A | 13.8 |
|--|-----|------|

(L) Billing Name and Address Service

- | | | |
|---|-----|-----------|
| — Per BNA Order | N/A | 13.9.4(A) |
| — Per BNA Record | N/A | 13.9.4(A) |
| — Optional Magnetic Tape Charge | | |
| — Per Magnetic Tape | N/A | 13.9.4(B) |
| — Optional Format Programming Charge | | |
| — Per each half hour or fraction
thereof | N/A | 13.9.4(C) |

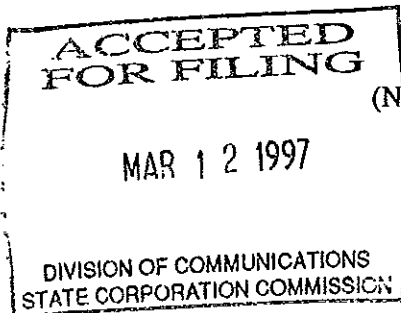
(M) Originating Line Screening (OLS) Service

- | | | |
|-----------------------------|-----|-------|
| — Per exchange service line | N/A | 13.10 |
|-----------------------------|-----|-------|

(N) Coin Supervision Additive Service

	Monthly Rate	
--	-----------------	--

- | | | |
|-----------------------------|-----|-------|
| — Per exchange service line | N/A | 13.12 |
|-----------------------------|-----|-------|



* Blocking access to 900 Service is offered to all subscribers at no charge

(a) from November 1, 1993 through December 31, 1993 and

(b) at the time telephone service is established at a new number and for 60 days thereafter.

Issued: February 20, 1997

Effective: April 15, 1997

Access Charge Task Force of the
VTIA Small Company Committee

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services(A) Voice Grade Secure
CommunicationsMonthly Rates, Nonrecurring
and Termination Charges

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 ServiceWideband Secure
CommunicationsMonthly Rates, Nonrecurring
and Termination Charges

Type I, each

ICB rates and charges apply

Type II, each

ICB rates and charges apply

Type III, each

ICB rates and charges apply

ACCEPTED
FOR FILING

MAY 01 1996

DIVISION OF COMMUNICATIONS
STATE CORPORATION COMMISSION

Issued: March 1, 1996

Effective: May 1, 1996

Access Charge Task Force of the
VTIA Small Company Committee

ACCESS SERVICE

17.(0249) Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.6 Special Facilities Routing of Access Services

(A) Diversity

For each service provided in accordance with Section 11.1.1 of the NECA Tariff F.C.C. No. 5, the rates and charges will be developed on an individual case basis.

(Reserved For Future Use)

(B) Avoidance

For each service provided in accordance with Section 11.1.2 of the NECA Tariff F.C.C. No. 5, the rates and charges will be developed on an individual case basis.

(Reserved For Future Use)

(C) Diversity and Avoidance Combined

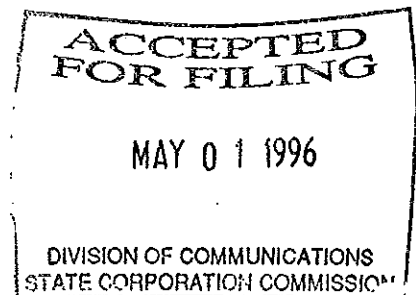
For each service provided in accordance with Sections 11.1.1 and 11.1.2 of the NECA Tariff F.C.C. No. 5, the rates and charges will be developed on an individual case basis.

(Reserved For Future Use)

(D) Cable-Only Facilities

For each service provided in accordance with Section 11.1.4 of the NECA Tariff F.C.C. No. 5, the rates and charges will be developed on an individual case basis.

(Reserved For Future Use)



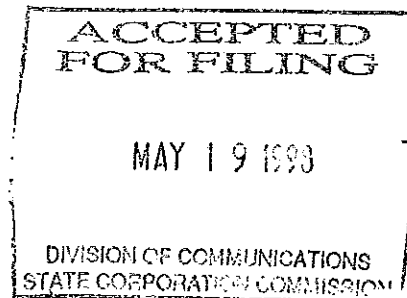
ACCESS SERVICE

17.(0249) Rates and Charges (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.



Final Order in Case No. PUC870004 dated January 28, 1998 removed tariff regulation for the service formally on pages 73 and 74.

Issued: June 1, 1998

Effective: July 1, 1998

ACCESS SERVICES

17. (0249) Rates & Charges (Cont'd)

17.5 Identification and Rating of Originating Toll VoIP-PSTN Traffic

(T)

17.5.1 Scope

VoIP-PSTN Traffic is defined as traffic exchanged between the Telephone Company end user and the customer in time division multiplexing ("TDM") format that originates and/or terminates in internet protocol ("IP") format. This section governs the identification of originating Toll VoIP-PSTN traffic that is required to be compensated at interstate access rates (unless the parties have agreed otherwise) as mandated by the Federal Communications Commission in its Report and Order in WC Docket Nos. 10-90, etc., FCC Release No. 11-161 on November 18, 2011 ("FCC Order"). Specifically, this section establishes the method of separating Toll VoIP-PSTN Traffic from the customer's traditional intrastate access traffic, so that such traffic can be billed in accordance with the FCC Order.

(T)

17.5.2 Rate of Originating Toll VoIP-PSTN Traffic

(T)

The Toll VoIP-PSTN Traffic identified in accordance with this tariff section will be billed at rates equal to those rates filed in the Telephone Company's applicable tariffed interstate switched access rates as specified in the ICORE Tariff F.C.C. No. 2 Access Service Tariff, Section 17.

17.5.3 Calculation and Application of Percent-VoIP-Usage Factor

- (a) The Telephone Company will determine the number of originating intrastate Toll VoIP-PSTN Traffic minutes of use (MOU) to which interstate rates will be applied under proceeding, by applying an originating Percent VoIP Usage (PVU) factor to the total intrastate access MOU originated by a Telephone Company end user and delivered to the customer.

(b)



(D)

(D)

ACCESS SERVICES

17. (0249) Rates & Charges (Cont'd)

17.5 Identification and Rating of Originating Toll VoIP-PSTN Traffic (Cont'd)

(T)

17.5.3 Calculation and Application of Percent-VoIP Usage Factor (Cont.)

(c) The Telephone Company will determine the portion of dedicated facilities to which interstate rates will be applied under proceeding, by applying the customer's originating PVU factor to the intrastate portion of the dedicated facilities between the Telephone Company and the customer.

(D)
(D)
(T)

(d) The customer will calculate and furnish to the Telephone Company an originating PVU factor (along with the supporting documentation as specified in (C) (3) (g) below) representing the whole number percentage of the customer's total originating intrastate access MOU that the customer receives from the Telephone Company and that is terminated in IP format and that would be billed by the Telephone Company as intrastate originating access MOU at rates equal to interstate rates.

(e)

(D)

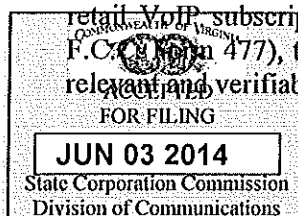
(D)

(f) The customer shall not modify their reported PIU factor to account for VoIP-PSTN Traffic.

(T)

(g) The customer provided originating PVU factor shall be based on information such as the number of the customer's retail VoIP subscriptions in the state (e.g. as reported on F.C.C. Form 477), traffic studies, actual call detail or other relevant and verifiable information.

(D)



ACCESS SERVICES

17. (0249) Rates & Charges (Cont'd)

17.5 Identification and Rating of Originating Toll VoIP-PSTN Traffic (Cont'd) (T)

17.5.3 Calculation and Application of Percent-VoIP Usage Factor (Cont.)

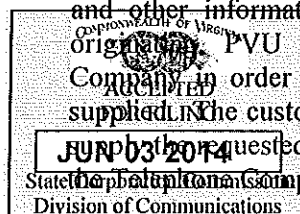
- (h) The customer shall retain the call detail, work papers, and information used to develop the PVU factors for a minimum of two years.
- (i) If the Customer does not furnish the Telephone Company with a PVU factor, the Telephone Company will utilize a PVU factor equal to zero.

17.5.4 PVU Factor - Originating

The customer may provide an originating PVU to the Telephone Company upon the effective date of this Tariff or with an initial order. Such originating PVU shall be implemented in the billing cycle following the receipt of the originating PVU. The customer may update the originating PVU factor quarterly using the method set forth in subsection (3)(d), proceeding. Any updated originating PVU factor shall be forwarded to the Telephone Company no later than 15 days after the first day of January, April, July and/or October of each year. The revised originating PVU factor shall be based on data for the prior three months, ending the last day of December, March, June and September, respectively. The revised originating PVU factor will serve as the basis for future billing, and will be effective on the bill date of each such month, and shall serve as the basis for subsequent monthly billing until superseded by new originating PVU factor. No prorating or back billing will be done based on the updated originating PVU factor.

17.5.5 PVU Factor Verification

- (a) Not more than four times in any year, the Telephone Company may request from the customer an overview of the process used to determine the originating PVU factor, the call detail records, description of the method for determining how the end user originates a call in IP format, and other information used to determine the customer's originating PVU factor furnished to the Telephone Company in order to validate the originating PVU factor supplied. The customer shall comply, and shall reasonably requested data and information within 15 days of the Telephone Company's request.



ACCESS SERVICES

17. (0249) Rates & Charges (Cont'd)

17.5 Identification and Rating of Originating Toll VoIP-PSTN Traffic (Cont'd)

(T)

17.5.5 PVU Factor Verification (Cont'd)

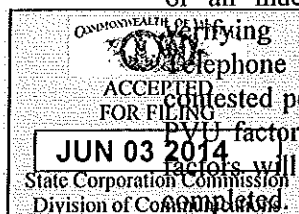
(b) The Telephone Company may dispute a customer's PVU factor in writing based upon:

- A review of the requested data and information provided by the customer.
- The Telephone Company's reasonable review of other market information, F.C.C. reports on VoIP lines, such as F.C.C. Form 477 or state level results based on the F.C.C. Local Competition Report or other relevant data.
- A change in a reported PVU factor by more than five percentage points from the proceeding submitted factor.

(c) If after review of the data and information, the customer and the Telephone Company establish a revised PVU factor, the Telephone Company may apply the revised PVU factor retroactively to the beginning of the quarter.

(d) If the dispute is unresolved, the Telephone Company may initiate an audit. The Telephone Company shall limit audits of the customer's PVU factor to no more than twice per year. The customer may request that the audit be conducted by an independent auditor. In such cases the associated auditing expenses will be paid by the customer. The customer shall respond to the audit request within 15 days of the request.

- In the event that the customer fails to provide adequate records to enable the Telephone Company or an independent auditor to conduct an audit of the customer's PVU factors, the Telephone Company will bill the usage for all contested periods using the most recent undisputed PVU factors reported by the customer. The PVU factors will remain in effect until the audit can be completed.



ACCESS SERVICES

17. (0249) Rates & Charges (Cont'd)

17.5 Identification and Rating of Originating Toll VoIP-PSTN Traffic (Cont'd)

(T)

17.5.5 PVU Factor Verification (Cont'd)

- During the audit, the most recent undisputed PVU factor(s) from the previous reporting period will be used by the Telephone Company.
- The Telephone Company will adjust the customer's PVU factor(s) based on the results of the audit and implement the revised PVU factor(s) in the next billing period or quarterly report date, whichever is first. The revised PVU factor(s) will apply for the next two quarters before new factor(s) can be submitted by the customer.
- If the audit supports the customer's PVU factor(s), the usage for the contested periods will be retroactively adjusted to reflect the customer's audited PVU factor(s).

