

**ACCESS SERVICE
REGULATIONS, RATES AND CHARGES**

**Applying to the Provision of Access Services
for Connection to the Interstate Communications Facilities
for Interstate Customers within the Operating Territory of**

The Pioneer Telephone Association, Inc. d/b/a Pioneer Communications

In the State of

Kansas

As provided herein.

**Access Services are provided by means of wire, radio, satellite
or other suitable technology or a combination thereof.**

**Prior to July 1, 2011, Pioneer Communications was an issuing Carrier of the
National Exchange Carrier Association (NECA) Tariff F.C.C. No. 5.**

ACCESS SERVICE

CHECK SHEET

The Title Page and pages 1 to 88 inclusive of this tariff are effective as of the date shown. Original and revised pages as shown below contain all changes from the original tariff that are in effect on the date hereof.

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ACCESS SERVICE

CONCURRING CARRIERS

NONE

CONNECTING CARRIERS

NONE

OTHER PARTICIPATING CARRIERS

NONE

REGISTERED SERVICE MARKS AND TRADEMARKS

NONE

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 Interstate Access Services provided by Pioneer Communications.

- Pioneer Communications, in accordance with the provisions of Part 61.39(a) of the FCC's Rules and Regulations, did elect to file its own tariff and reference the regulations, terms and conditions of the National Exchange Carrier Association, Inc. (NECA) Tariff F.C.C. No. 5, for the General Regulations, Federal Universal Charge, ISDN Line Ports, DS1 Line Port, End User Access, Switched Access, Special Access, Digital Subscriber Line Access, Public Packet Data Network and other miscellaneous services contained therein. Regulations, terms and conditions applicable to these services are therefore specifically cross referenced to the National Exchange Carrier Association, Inc. Access Service Tariff F.C.C. No. 5.

ACCESS SERVICEEXPLANATION OF SYMBOLS

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

EXPLANATION OF ABBREVIATIONS

ANI	-	Automatic Number Identification
CIC	-	Carrier Identification Code
Cont'd -	-	Continued
DS	-	Digital Signal
DSL	-	Digital Subscriber Line
FG	-	Feature Group
F.C.C.	-	Federal Communications Commission
Hz	-	Hertz
IC	-	Interexchange Carrier
ICB	-	Individual Case Basis
ISDN BRI	-	Integrated Services Digital Network Basic Rate Interface
ISDN PRI	-	Integrated Services Digital Network Primary Rate Interface
Kbps	-	kilobits per second
LATA	-	Local Access and Transport Area
Mbps	-	Megabits per second
NECA	-	National Exchange Carrier Association, Inc.
NXX	-	Three Digit Central Office Code
OC	-	Optical Signal
PIC	-	Presubscribed Interexchange Carrier
SS7	-	Signaling System 7
TV	-	Television

ACCESS SERVICE

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this Tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this Tariff, and to amendments thereto and successive issues thereof.

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS

Technical Publications referenced in this Tariff are the same as those set forth in the National Exchange Carrier Association Tariff F.C.C. No. 5.

ACCESS SERVICE

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Switched Access, Special Access and other miscellaneous services, hereinafter referred to collectively as service(s). These services are provided to customers by Pioneer Communications, hereinafter the Telephone Company. This tariff references the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 5 for the Users Guide, Reference to Technical Publications, General Regulations, Federal Universal Charge, ISDN Line Ports, DS1 Line Port, End User Access, Switched Access, Special Access, Digital Subscriber Line Access, Public Packet Data Network and other miscellaneous services contained therein.
- 1.2 The provision of such services 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 The use of any service provided by the Telephone Company shall constitute an order for service and the user of the service is obligated to pay the Issuing Carriers for that service in accordance with the provisions of this tariff.

ACCESS SERVICE

2. General Regulations

Regulations, Terms and Conditions for Access Services are the same as those set forth in Section 2 of the National Exchange Carrier Association Tariff F.C.C. No. 5

ACCESS SERVICE

3. Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port

Regulations, Terms and Conditions for Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port are the same as those set forth in Section 3 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

ACCESS SERVICE

4. End User Access Service

Pioneer Communications participates in NECA's Carrier Common Line Pool. Regulations, Rules, Terms and Conditions for End User Access Service are the same as those set forth in Section 4 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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5. Access Ordering

Regulations, Terms and Conditions for services set forth in the Access Ordering section of this tariff are the same as those set forth in Section 5 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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6. Switched Access Service

Regulations, Terms and Conditions for Switched Access are the same as those set forth in Section 6 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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7. Special Access Service

Regulations, Terms and Conditions for Special Access Service are the same as those set forth in Section 7 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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8. Digital Subscriber Line Access Services

Regulations, Terms and Conditions for Digital Subscriber Line Access Services are the same as those set forth in Section 8 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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9. Directory Assistance Service

Regulations, Terms and Conditions for Directory Assistance Service are the same as those set forth in Section 9 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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10. Special Federal Government Access Services

Regulations, Terms and Conditions for Special Federal Government Access Services are the same as those set forth in Section 10 of the National Exchange Carrier Association Tariff F.C.C. No. 5

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11. Special Facilities Routing of Access Services

Regulations, Terms and Conditions for Special Facility Routing of Access Services are the same as those set forth in Section 11 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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12. Specialized Service or Arrangements

Regulations, Terms and Conditions for Specialized Service or Arrangements, subject to availability, are the same as those set forth in Section 12 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

ACCESS SERVICE

13. Additional Engineering, Additional Labor and Miscellaneous Services

Regulations, Terms and Conditions for Additional Engineering, Additional Labor, and Miscellaneous Services, subject to availability, are the same as those set forth in Section 13 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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14. Exceptions to Access Service Offerings

Provisions, Terms and Conditions for Exceptions to Access Service Offerings are the same as those set forth in Section 14 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

ACCESS SERVICE

15. Access Service Interfaces and Transmission Specifications

Regulations, Terms and Conditions for Switched Access Service Options, Transmission Specifications and Channel Interfaces, subject to service offerings and technical capability and feasibility, are the same as those set forth in Section 15 of the National Exchange Carrier Association Tariff F.C.C. No. 5.

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16. Public Packet Data Network

Regulations, Terms and Conditions for Public Packet Data Network are the same as those set forth in Section 16 of the National Exchange Carrier Association Tariff F.C.C. No. 5

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17. Rates and Charges

17.1 Common Line Access Service, Federal Universal Service Charge, ISDN Line Ports and DS1 Line Port

Rates and charges for Common Line Access Service, End User Access Service, Federal Universal Charge, ISDN Line Ports, and DS1 Line Port are the same as those set forth in Section 17.1 of the National Exchange Carrier Association (NECA) Tariff F.C.C. No. 5. Pioneer Communications is a participant in NECA's Carrier Common Line pool.

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.2 Switched Access Service17.2.1 Nonrecurring Charges

	<u>Rate</u>	<u>NECA Tariff Section Reference</u>
(A) <u>Local Transport-Installation</u> <u>Per Entrance facility</u>		
- Voice Grade Two-Wire	\$450.00	6.4.1(B)(1)
- Voice Grade Four-Wire	\$450.00	
- High Capacity DS1	\$330.00	
- High Capacity DS3	\$445.00	(R)
- Synchronous Optical Channel OC3	\$360.00	
- Synchronous Optical Channel OC12	\$360.00	
(B) <u>Reserved for Future Use</u>		
(C) <u>Interim NXX Translation Per Order</u> -Per LATA or Market Area	\$220.00	6.4.1(B)(2)
(D) <u>FGC and FCD Conversion of</u> <u>Multifrequency Address Signaling</u> <u>to SS7 Signaling or SS7 Signaling to</u> <u>Multifrequency Address Signaling</u> -Per 24 Trunks Converted or Fraction Thereof on a Per Order Basis	\$442.00	6.4.1(B)(3)
(E) <u>Trunk Activation Per Order</u> -Per 24 Trunks Activated or Fraction Thereof on a Per Order Basis	\$459.00	6.4.1(B)(1)
(F) <u>Reserved for Future Use</u>		
(G) <u>Flexible Automatic Number</u> <u>Identification (Flex ANI)</u> -Per end office, per CIC	None	6.4.1(B)(AA)

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.2 Switched Access Service17.2.2 Local TransportPremium AccessEntrance facility, Per TerminationNECA Tariff
Section Reference
6.1.3(A)(1)

Monthly Rate

Voice Grade 2-Wire	Voice Grade 4-Wire	High Capacity DS1	High Capacity DS3	Synchronous Optical Channel OC3	Synchronous Optical Channel OC12
\$52.91	\$84.67	\$258.97	\$2,355.56 (X)	\$2,364.52 (X)	\$2,510.39

Direct Trunked Transport
Direct Trunked Facility, Per MileNECA Tariff
Section Reference
6.1.3(A)(2)

Monthly Rate

Voice Grade 2-Wire	Voice Grade 4-Wire	High Capacity DS1	High Capacity DS3	Synchronous Optical Channel OC3	Synchronous Optical Channel OC12
\$3.78	\$3.78	\$17.74	\$154.55	\$165.02	\$207.13

Direct Trunked Transport – Direct Termination
Per TerminationNECA Tariff
Section Reference
6.1.3(A)(2)

Monthly Rate

Voice Grade 2-Wire	Voice Grade 4-Wire	High Capacity DS1	High Capacity DS3	S Synchronous Optical Channel OC3	Synchronous Optical Channel OC12
\$37.88	\$37.88	\$92.05	\$591.12	\$613.93	\$1,336.72

(X) Issued under authority of Special Permission No. 12-003 in order to reinstate currently effective rates.

Issued: February 29, 2012

Effective: March 1, 2012

Chief Executive Officer
Pioneer Communications
120 West Kansas Avenue
Ulysses, KS 67880

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)Premium Access (Cont'd)NECA Tariff
Section ReferenceCustomer Node, Per Node

6.1.3(A)(7)

Monthly

OC3	OC12	Nonrecurring Charge
155.52 Mbps	622.08 Mbps	All
\$558.46	\$1,613.33	\$640.00

Customer Premises Port, Per Port

6.1.3(A)(6)

Monthly RateNonrecurring Charge

OC3 155.52 Mbps	\$171.05	None
STS-1 51.84 Mbps	\$220.01	\$640
DS3 44.736	\$220.01	\$640
DS1 1.544 Mbps	\$56.40	\$640

Add/Drop Multiplexing Central Office Port, Per Port

6.1.3(A)(6)

Monthly Rate

OC3	DS3	DS1
155.52	44.736	1.544 Mbps
\$171.03	\$112.81	\$45.13

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17. Rates and Charges (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)

Premium Access (Cont'd)

-Tandem Switched Facility

Per Access Minute, Per Mile	\$0.000153	(X)
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-Tandem Switched Termination

Per Access Minute, Per Termination	\$0.000795	(X)
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-Tandem Switching

Per Access Minute, Per Tandem	\$0.002012	(X)
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-Network Blocking

Per Blocked call – Applied to FGD only	\$0.0153	
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ACCESS SERVICE17. Rates and Charges (Cont'd)17.2 Switched Access Service (Cont'd)17.2.2 Local Transport (Cont'd)NECA Tariff
Section Reference(A) Common Channel Signaling Network Connection

6.10.3

(1) Signaling Network Access Link

	<u>Monthly Rate</u>		<u>Nonrecurring Charge</u>
Signaling Mileage Facility Per Mile	Signaling Mileage Termination Per Termination	Signaling Entrance Facility Per Facility	Signaling Entrance Facility Per Facility
\$5.08	\$50.99	\$97.65	\$390.00

(2) STP Port, Per Port

Monthly Rate

\$505.36

(B) 8 XX Data Base Access Service Queries, Per Query

6.10.3

-Basic	\$0.0054
-Vertical Feature	\$0.0060

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.2 Switched Access Service (Cont'd)17.2.3 End Office

	<u>Rate</u>	
(A) <u>Local Switching</u>		
-Premium Per Access Minute	\$0.021683	(X)
(B) <u>Information Surcharge</u>		
Per 100 Access Minutes – Premium	\$0.027913	(X)

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Chief Executive Officer
Pioneer Communications
120 West Kansas Avenue
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ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.3 Special Access Service

17.3.1 Surcharge for Special Access Service

Monthly Rate

-Per Voice Grade Equivalent	\$25.00
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ACCESS SERVICE

17. 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) <u>Channel Termination</u> Per Termination	\$31.50	\$450.00
(B) <u>Channel Mileage</u>		
(1) Channel Mileage Facility Per Mile	\$45.33	
(2) Channel Mileage Termination Per Termination	\$3.17	
(C) <u>Optional Features and Functions</u>		
(1) Bridging		
(a) Three Premises Bridging Per Port	\$7.37	
(b) Series Premises Per Port	\$7.37	
(2) DSL Access Service Connection		
(a) Per 10 Base – T	\$233.51	\$450.00
(b) Per 100 Base –T	\$1,202.13	\$650

ACCESS SERVICE17. 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)	<u>Channel Termination</u> Per Termination		
(1)	Two-Wire	\$31.50	\$450.00
(2)	Four-Wire	\$63.01	\$450.00
(B)	<u>Channel Mileage</u>		
(1)	Channel Mileage Facility Per Mile	\$3.78	
(2)	Channel Mileage Termination Per Termination	\$37.88	
(C)	<u>Optional Features and Functions</u>		
(1)	Telegraph Bridging Per Port		
.	- Two-Wire	\$7.37	
.	- Four-Wire	\$7.37	

ACCESS SERVICE17. Rates and Charges (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 NECA Tariff F.C.C. No. 5.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	<u>Channel Termination</u> Per Termination		
(1)	Two-Wire	\$52.91	\$450.00
(2)	Four-Wire	\$84.67	\$450.00
(B)	<u>Channel Mileage</u>		
(1)	Channel Mileage Facility Per Mile	\$3.78	
(2)	Channel Mileage Termination Per Termination	\$37.88	
(C)	<u>Optional Features and Functions</u>		
(1)	Bridging		
	(a) Voice Bridging Per Port		
	- Two-Wire	\$7.37	
	- Four-Wire	\$7.37	

ACCESS SERVICE

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

	Monthly <u>Rate</u>
(C) <u>Optional Features and Functions</u> (Cont'd)	
(1) Bridging (Cont'd)	
(b) Data Bridging Per Port	
. . . Two-Wire	\$7.37
. . .	
. . . Four-Wire	\$7.37
(c) Telephoto Bridging Per Port	
. . . Two-Wire	\$7.37
. . .	
. . . Four-Wire	\$7.37
(d) DATAPHONE Select-A-Station Bridging	
(1) Sequential Arrangement, Port Per Channel Connected	
. . . Two-Wire	\$25.17
. . . Four-Wire	\$133.50
(2) Addressable Arrangement, Ports Per Channel Connected	
. . . Two-Wire	\$26.94
. . . Four-Wire	\$116.60

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

	Monthly Rate
(C) <u>Optional Features and Functions</u> (Cont'd)	
(1) Bridging (Cont'd)	
(e) Telemetry and Alarm Bridging	
(1) Active Bridging Channel Connections, Per Channel Connected	
- Split Band	\$11.75
- Summation	\$4.59
(2) Passive Bridging Channel Connections, Per Channel Connected	\$0.32
(2) Conditioning, Per Termination	
(a) C-Type	\$8.89
(b) Improved Attenuation Distortion*	None
(c) Improved Envelope Delay Distortion*	None
(d) Data Capability	\$7.90
(e) Telephoto Capability	\$10.24
(f) Sealing Current	None

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

	Monthly <u>Rate</u>
(C) <u>Optional Features and Functions</u> (Cont'd)	
(3) Improved Return Loss for Effective Two-Wire or Four-Wire Transmission Per Transmission	
(a) Two-Wire	\$14.51
(b) Four-Wire	\$14.51
(4) Customer Specified Receive Level Per Two-Wire Termination	\$9.99
(5) Multiplexing Per Arrangement Voice to Telegraph Grade	\$256.55
(6) Signaling Capability Per Termination	\$20.36
(7) Selective Signaling Arrangement Per Arrangement	\$7.37

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

		Monthly Rate
(C)	<u>Optional Features and Functions</u> (Cont'd)	
(8)	Transfer Arrangement (key activated* or Dial-up**)	
(a)	Per Four Port Arrangement Including Control Channel Termination***	\$3.54
(b)	Per Five Port Arrangement Including Control Channel Termination***	\$8.11
(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 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.

ACCESS SERVICE17. 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 the NECA Tariff F.C.C. No. 5.

		<u>Daily Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	<u>Channel Termination</u> <u>Per Termination</u>			
.	- 200 to 3500 Hz	\$5.61	\$56.08	\$450.00
.	- 100 to 5000 Hz	\$9.77	\$97.65	\$450.00
.	- 50 to 8000 Hz	\$9.77	\$97.65	\$450.00
.	- 50 to 15000 Hz	\$9.77	\$97.65	\$450.00
.	-			
(B)	<u>Channel Mileage</u>			
(1)	Channel Mileage Facility Per Mile			
.	- 200 to 3500 Hz	\$0.38	\$3.78	
.	- 100 to 5000 Hz	\$0.75	\$7.54	
.	- 50 to 8000 Hz	\$1.13	\$11.32	
.	- 50 to 15000 Hz	\$1.51	\$15.08	
.	-			
(2)	Channel Mileage Termination Per Termination			
.	-			
.	- 200 to 3500 Hz	\$3.79	\$37.88	
.	- 100 to 5000 Hz	\$7.58	\$75.75	
.	- 50 to 8000 Hz	\$11.36 (I)	\$113.62	
.	- 50 to 15000 Hz	\$15.15 (I)	\$151.50	

*Daily rate will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

ACCESS SERVICE17. Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.5 Program Audio Service (Cont'd)

	<u>Daily Rate</u>	<u>Monthly Rate</u>
(C) <u>Optional Features and Functions</u>		
(1) Bridging, Distribution Amplifier Per Port	\$2.26	\$22.64
(2) Gain Conditioning Per Service	\$1.47	\$14.65
(3) Stereo Per Service	\$2.51	\$25.12

* Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

ACCESS SERVICE17. Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.6 Video Service (Cont'd)

Regulations concerning Video Service are set forth in Section 7.8 of the NECA Tariff F.C.C. No. 5, except that Daily service is not offered.

		<u>Daily Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	<u>Channel Termination Per Termination</u>			
	-			
	- TV-1 or 2	\$318.70	\$579.45	\$330.00
	- 4TV-5	\$318.70	\$579.45	\$330.00
	- 6TV-5	\$318.70	\$579.45	\$330.00
	- TV-15	\$318.70	\$579.45	\$330.00
	-			
(B)	<u>Channel Mileage</u>			
	(1) Channel Mileage Facility Per Mile			
	- All	\$271.26	\$493.20	
	-			
	(2) Channel Mileage Termination Per Termination			
	-			
	- All	\$289.01	\$525.48	

*Daily rates will be topped and maximum rates derived as set forth in Section 7.2.2(B), preceding.

ACCESS SERVICE17. 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, except that Daily service is not offered.

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A)	<u>Channel Termination Per Termination</u>		
.			
.	- 2.4 kbps	\$97.65	\$390.00
.	- 4.8 kbps	\$97.65	\$390.00
.	- 9.6 kbps	\$97.65	\$390.00
.	- 19.2 kbps	\$97.65	\$390.00
.	- 56.0 kbps	\$97.65	\$390.00
.	- 64.0 kbps	\$97.65	\$390.00
.			
(B)	<u>Channel Mileage</u>		
(1)	Channel Mileage Facility Per Mile		
.	- 2.4 kbps	\$3.59	
.	- 4.8 kbps	\$3.59	
.	- 9.6 kbps	\$3.59	
.	- 19.2 kbps	\$3.59	
.	- 56.0 kbps	\$5.08	
.	- 64.0 kbps	\$5.08	
.	-		
(2)	Channel Mileage Termination Per Termination		
.			
.	- 2.4 kbps	\$35.99	
.	- 4.8 kbps	\$35.99	
.	- 9.6 kbps	\$35.99	
.	- 19.2 kbps	\$35.99	
.	- 56.0 kbps	\$50.99	
.	- 64.0 kbps	\$50.99	

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

	Monthly Rate
(C) Optional Features and Functions	
(1) Bridging Per Port	\$8.91
(2) Loop Transfer Arrangement Per Four Port Arrangement Key Activated or Dial-up	\$7.05
(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	\$35.23
- 4.8 kbps	\$35.23
- 9.6 kbps	\$35.23
- 56.0 kbps	\$35.23

* 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 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.

ACCESS SERVICE

17. 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	\$258.97	\$330.00
DS1C – 3.152 Mbps	ICB	ICB
DS2 – 6.312 Mbps	ICB	ICB
DS3 – 44.736 Mbps	\$2,364.52	\$445.00
DS4 – 274.176 Mbps	ICB	ICB

ACCESS SERVICE17. Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

	Monthly <u>Rate</u>
(B) Channel Mileage	
(1) Channel Mileage Facility Per Mile	
64 kbps*	\$5.08
1.544 Mbps	\$17.74
3.152 Mbps	ICB
6.312 Mbps	ICB
44.736 Mbps	\$154.55
274.176 Mbps	ICB
(2) Channel Mileage Termination Per Termination	
64 kbps*	\$50.99
1.544 Mbps	\$92.05
3.152 Mbps	ICB
6.312 Mbps	ICB
44.736 Mbps	\$591.12
274.176 Mbps	ICB
(C) Optional Rate Plan Term Discounts DS1 and DS3 Services	
- 36 Months	10%
- 60 Months	20%

*Applies to through connections of 2.4, 4.8, 9.6, 56.0 and 64.0 kbps.

ACCESS SERVICE17. Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.8 High Capacity Service (Cont'd)

	Monthly <u>Rate</u>
(D) Optional Features and Functions	
(1) Multiplexing, Per Arrangement	
DS4 to DS1	ICB
DS3 to DS1	\$537.97
DS2 to DS1	ICB
DS1C to DS1	ICB
DS1 to Voice*	\$207.70
DS1 to DS0	\$207.70
DS0 to Subrates	
- Up to 202.4 kbps Services	\$442.34
- Up to 104.8 kbps Services	\$300.57
- Up to 59.6 kbps Services	\$266.53

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

ACCESS SERVICE17. Rates and Charges (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*	\$179.20	
(3)	Transfer Arrangement (key activated** or Dial-up*** -Per Four Port Arrangement Including Control Channel Termination****	\$195.31	
(4)	Clear Channel Capability Per 1.544 Mbps Transmission Path	None	
(5)	Shared SONET Ring Interoffice Transport Per DS3 Channel Mileage Facility	None	
(E)	Network Channel Terminating Equipment (NCTE) Per Termination*****		
(1)	1.544 Mbps	\$101.63	
(2)	Automatic Loop Transfer	\$408.32	
(F)	DSL Connection Service		
(1)	Per 1.544 Mbps	\$233.51	\$450.00
(2)	Per 44.736 Mbps	\$1,621.67	\$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 13.3.4 preceding.

**** 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.

ACCESS SERVICE

- 17. Rates and Charges (Cont'd)
 - 17.3 Special Access Service (Cont'd)
 - 17.3.9 Reserved for Future Use
 - 17.3.10 Reserved for Future Use

ACCESS SERVICE17. Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.11 Synchronous Optical Channel Service

Regulations concerning High Capacity Service are set forth in Section 7.11 of the NECA Tariff F.C.C. No. 5.

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(A) Channel Termination Per Termination		
-OC3/OC3c – 155.52Mbps	\$2,405.04	\$360.00
-OC-12 – 622.08 Mbps	\$2,510.39	\$360.00
(B) Channel Mileage Facility Per Mile		
-OC3/OC3c – 155.52Mbps	\$165.02	
-OC-12 – 622.08 Mbps	\$207.13	
(C) Channel Mileage Termination Per Termination		
-OC3/OC3c – 155.52Mbps	\$613.93	
-OC-12 – 622.08 Mbps	\$1,336.72	
	<u>Percentage</u>	
(D) Optional Rate Plan Term Discounts OC3/OC3c and OC12 Services		
- 36 Months	10%	
- 60 Months	20%	

ACCESS SERVICE17. Rates and Charges (Cont'd)17.3 Special Access Service (Cont'd)17.3.11 Synchronous Optical Channel Service

		<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
(E)	Optional Features and Functions		
(1)	Customer Node, Per Node		
	-OC3/OC3c – 155.52 Mbps	\$558.46	\$640.00
	-OC-12 – 622.08 Mbps	\$1,613.33	\$640.00
(2)	Customer Premise Port, Per Port		
	-OC3/OC3c – 155.52Mbps	\$171.05	None
	-STS-1 – 51.84 Mbps	\$220.01	\$640.00
	-DS3 – 44.736 Mbps	\$220.01	\$640.00
	-DS1 – 1.544 Mbps	\$56.40	\$640.00
(3)	Add/Drop Multiplexing Central Office Port, Per Port		
	-OC3/OC3c – 155.52Mbps	\$171.05	
	-DS3 – 44.736	\$112.81	
	-DS1 – 1.544 Mbps	\$45.13	
(4)	Shared SONET Ring Interoffice Transport Per Channel Mileage Facility		
	-OC3/OC3c	None	
	-OC-12	None	
(5)	DSL Access Service Connections		
	-OC3/OC3c	\$2,841.16	\$1,200.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services17.4.1 Access Ordering

(A)	Access Order Charge Per Order	<u>Charge</u> \$86.00
(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 17.4.1(A) preceding does not apply. The applicable charge is: Service Date Change Charge, Per Order	\$60.00
(C)	Design Change Charge The Design Change Charge will apply on a per order per occurrence basis, for each order requiring a design change. The applicable charge is: Design Change Charge, Per Order	\$84.00
(D)	Miscellaneous Service Order Charge Per Occurrence	\$123.00

ACCESS SERVICE

17. 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>
(A)	Basic Time Per Engineer Normally Scheduled Working Hours	\$31.03
(B)	Overtime Per Engineer Outside of Normally Scheduled Working Hours	\$46.55
(C)	Premium Time Outside of Scheduled Work Day, Per Engineer	\$62.06

ACCESS SERVICE

17. 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>
(A)	Installation or Repair	
	-Overtime, outside of regularly scheduled working hours, on a scheduled workday, Per Technician	\$47.57*
	-Premium Time, outside of scheduled work day, Per Technician	\$63.42
(B)	Stand By	
	-Basic Time, regularly scheduled working hours, Per Technician	\$21.18*
	-Overtime, Outside of regularly scheduled working hours, On a scheduled workday, Per Technician	\$31.77
	-Premium Time, Outside of scheduled workday, Per Technician	\$42.36*

*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.

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.3 Additional Labor (Cont'd)

	<u>Installation and Repair Technician</u>	<u>Central Office Maintenance Technician</u>
(A) Testing and Maintenance with other Telephone Companies or Other Labor		
-Basic Time Per Technician Regularly Scheduled Working Hours	\$31.71	\$34.66
-Overtime Per Technician Outside of Regularly Scheduled Working Hours On a Scheduled Working Day	\$47.57*	\$51.99*
-Premium Time Per Technician Outside Of Scheduled Work Day	\$63.42*	\$69.32*

* 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

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services

(A) Additional Cooperative Acceptance Testing – Switched Access

Testing Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as Set forth in 17.4.3(C) preceding

(B) Additional Automatic Testing – Switched Access

To First Point
of Switching
Additional Tests

	Per Test Per Transmission Path
Gain-Slope Tests	\$2.89
C-Notched Noise Tests	\$2.89
1004 Hz Loss**	\$2.89
C-Message Noise**	\$2.89
Balance (return loss)**	\$2.89

* 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.

ACCESS SERVICE17. Rates and Charges (Cont'd)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

Gain-Slope, C-Notched Noise And any other agreed to tests, Per Technician	See the rates for Additional Labor as Set forth in 17.4.3(C) preceding
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(D) Additional Cooperative Acceptance Testing – Special Access

Testing Periods	Each Half Hour or Fraction Thereof
-----------------	---------------------------------------

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

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.4 Miscellaneous Services (Cont'd)

(E) Additional Manual Testing – Special Access

Testing Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as Set forth in 17.4.3(C) preceding

(F) Maintenance of Service

Testing Periods	Each Half Hour or Fraction Thereof
Basic Time, Overtime* and Premium Time*	See the rates for Additional Labor as Set forth in 17.4.3(C) preceding

* 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.

ACCESS SERVICE

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

		Nonrecurring <u>Charge</u>
(G)	Telecommunications Service Priority -Per Service Arranged	\$54.63
(H)	Controller Arrangement -Per Arrangement	\$100.00

ACCESS SERVICE

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

	<u>Nonrecurring Charge</u>
(I) Presubscribed Interexchange Carrier (PIC) Change Charge*	
-Per Telephone Exchange Service Line or Trunk for Each InterLATA PIC Change:	\$54.63
(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

* 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 PIC 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 PIC change, the Telephone Company will credit the subscriber's account for the PIC 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 PIC Change Charge to return the subscriber to its previous authorized carrier and, if initially billed to the subscriber, the PIC Change Charge for the alleged unauthorized change.

ACCESS SERVICE

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

		Nonrecurring <u>Charge</u>	
(J)	Reserved for Future Use		
(K)	Blocking Service*		
	-Per Exchange Service Line or Trunk and/or Per Feature Group A Switched Access Line	\$11.20	
(L)	Billing Name and Address Service		
	-Per BNA Order	\$50.94	
	-Per BNA Record	\$0.33	
	-Optional Magnetic Tape Charge Per Magnetic Tape	\$91.44	
	-Optional Format Programming Charge Per Each Half Hour or Fraction Thereof	\$37.20	(R)
(M)	Originating Line Screening (OLS) Service Per exchange service line	\$7.95	
			Monthly <u>Rate</u>
(N)	Coin Supervision Additive Service -Per exchange service line	\$2.21	

* Blocking access to 9XX 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.

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.5 Special Federal Government Access Services

(A) Voice Grade Secure Communications

	<u>Monthly Rates – Nonrecurring Charges – 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) Wideband Digital Special Access Service

<u>Wideband Secure Communications</u>	<u>Monthly Rate</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		

ACCESS SERVICE

17. 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 11 preceding, the rates and charges will be developed on an individual case basis.

(B) Avoidance

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

(C) Diversity and Avoidance Combined

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

(D) Cable-Only Facilities

For each service provided in accordance with 11 preceding, the rates and charges will be developed on an individual case basis.

ACCESS SERVICE

17. 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.

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network

Regulations concerning Frame Relay Access Service are set forth in Section 16.1 of the NECA Tariff F.C.C. No. 5.

	Monthly Rate	Nonrecurring Charge
(A) Frame Relay Access Service		
(1) Frame Relay Access Connection (FRAC)		
- 56.0 kbps	\$161.64	\$345.00
- 64.0 kbps	\$161.64	\$345.00
- 1.544 Mbps	\$383.41	\$345.00
- 44.736 Mbps	\$3,055.95	\$345.00
(2) Frame Relay Inter-network Connection (FRIC)		
Per FRIC		
- 1.544 Mbps	\$383.41	\$345.00
- 44.736 Mbps	\$3,055.95	\$345.00
(3) End User Port, Per Port		
- 56.0 kbps	\$78.93	
- 64.0 kbps	\$78.93	
- 1.544 Mbps	\$183.80	
- 44.736 Mbps	\$1,285.53	
(4) Inter-Network Customer Port, Per Port		
- 1.544 Mbps	\$183.80	
- 44.736 Mbps	\$1,285.53	
(5) Term Discounts	<u>Percentage</u>	
- 36 Months	10%	
- 60 Months	20%	

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(A) Frame Relay Access Service (Cont'd)

(6) Permanent Virtual Connections (PVCs)

	<u>Monthly Rate</u>
(a) Standard CIR	
8 kbps	\$5.63
16 kbps	\$5.63
28 kbps	\$6.76
32 kbps	\$6.76
56 kbps	\$7.90
64 kbps	\$7.90
128 kbps	\$10.13
192 kbps	\$13.54
256 kbps	\$15.79
384 kbps	\$22.56
512 kbps	\$31.57
768 kbps	\$40.60
(b) Extended CIR	
8 kbps	\$6.76
16 kbps	\$6.76
28 kbps	\$8.15
32 kbps	\$8.15
56 kbps	\$16.29
64 kbps	\$16.29
128 kbps	\$32.60
192 kbps	\$48.89
256 kbps	\$65.18
384 kbps	\$97.79
512 kbps	\$130.38
768 kbps	\$195.57
	<u>Nonrecurring Charge</u>
(7) PVC Installation Charge	\$64.00
(8) PVC Rearrangement Charge	\$32.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(B) Asynchronous Transfer Mode Cell Relay Access Service

Regulations concerning Asynchronous Transfer Mode Cell Relay Access Service (ATM-CRS) are set forth in Section 16.2, of the NECA Tariff F.C.C. No. 5.

(1) Ports

(a) Per Basic UNI or NNI Port

Transfer Rate	Monthly Rate	Nonrecurring Charge
1.544 Mbps	\$503.93	\$390.00
44.736 Mbps	\$2,799.50	\$390.00
155.52 Mbps	\$4,337.88	\$390.00
622.08 Mbps	\$6,296.65	\$390.00

(b) Per Ethernet-based UNI or NNI Port

Transfer Rate	Monthly Rate	Nonrecurring Charge	
10 Mbps	\$776.16	\$1,780.00	
100 Mbps	\$1,202.13	\$1,780.00	(I)
1 Gbps	\$2,832.42	\$3,233.00	

Monthly Rate Nonrecurring Charge

(2) Virtual Paths

(a) Path Charge, Per Path	\$5.63	\$64.00
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ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(2) Virtual Paths (Cont'd)

(b) Capacity Charge, Per Megabit of Capacity, Per Path

Traffic Routing Prioritization Parameter

(i) Path Size 1 to 50 Mbps Monthly

<u>Capacity</u>	<u>Rate</u>
CBR	\$28.17
VBR-rt	\$22.54
VBR-nrt	\$16.92
UBR	\$14.08

(ii) Path Size 51 to 150 Mbps Monthly

<u>Capacity</u>	<u>Rate</u>
CBR	\$25.33
VBR-rt	\$19.71
VBR-nrt	\$14.08
UBR	\$11.27

(iii) Path Size Over 150 Mbps Monthly

<u>Capacity</u>	<u>Rate</u>
CBR	\$19.71
VBR-rt	\$14.08
VBR-nrt	\$11.27
UBR	\$8.44

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

(3) Virtual Circuit channels, Per Virtual Circuit Channel

Monthly Rate	Nonrecurring Charge
\$5.63	\$64.00

(4) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per Basic UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$450.00
44.736 Mbps	\$650.00
155.52 Mbps	\$1,200.00
622.08 Mbps	\$1,608.00

(ii) Per Ethernet-based UNI or NNI Port Equipped

<u>Port Speed</u>	<u>Nonrecurring Charge</u>
10 Mbps	\$450.00
100 Mbps	\$650.00
1 Gbps	\$1,608.00

(iii) Per 1 Mbps DSL VCC

<u>Monthly Charge</u>	<u>Nonrecurring Charge</u>
\$33.79	\$64.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(B) Asynchronous Transfer Mode Cell Relay Access Service (Cont'd)

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

(a) DSL Access Service Connection (Cont'd)

(iv) Per MM-VCC

<u>Port Speed</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge Per MM – VCC</u>
1 Mbps	\$1.82	\$7.00
4 Mbps	\$3.53	\$7.00

	Nonrecurring Charge
(v) Per MM-VCC Design Change	\$6.00

(5) ATM-CRS Term Discount Plan

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

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service

Regulations concerning Ethernet Transport Service (ETS) are set forth in Section 16.3 of the NECA Tariff F.C.C. No. 5.

(1) ETS Channel Termination

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

Transfer Rate	Monthly Rate	Nonrecurring Charge
2 Mbps	\$161.70	\$295.00
5 Mbps	\$198.45	\$295.00
10 Mbps	\$229.22	\$295.00
20 Mbps	\$251.59	\$295.00
50 Mbps	\$301.91	\$295.00
100 Mbps	\$335.45	\$295.00
250 Mbps	\$477.75	\$295.00
500 Mbps	\$626.19	\$442.00
750 Mbps	\$727.65	\$442.00
1 Gbps	\$833.03	\$442.00

- (b) Per termination when customer designated premise located more than 300 feet of ETS SWC.

Transfer Rate	Monthly Rate	Nonrecurring Charge
2 Mbps	\$399.84	\$295.00
5 Mbps	\$404.25	\$295.00
10 Mbps	\$410.00	\$295.00
20 Mbps	\$447.26	\$295.00
50 Mbps	\$544.18	\$295.00
100 Mbps	\$596.36 (R)	\$295.00
250 Mbps	\$845.25	\$295.00
500 Mbps	\$1,118.18	\$442.00
750 Mbps	\$1,286.25	\$442.00
1 Gbps	\$1,490.90	\$442.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service (Cont'd)

(2) Ports

(a) Per ETS Basic Port

<u>Transfer Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
2 Mbps	\$205.80	\$259.00	(R)
5 Mbps	\$227.85	\$259.00	
10 Mbps	\$251.59	\$259.00	
20 Mbps	\$279.54	\$259.00	
50 Mbps	\$307.49	\$259.00	
100 Mbps	\$335.45	\$259.00	
250 Mbps	\$463.05	\$259.00	(R)
500 Mbps	\$587.04	\$388.00	
750 Mbps	\$742.35	\$388.00	
1 Gbps	\$894.55	\$388.00	

(b) Per ETS Interconnection Port

<u>Transfer Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
44.736 Mbps	\$3,354.54	\$175.00
155.52 Mbps	\$4,025.45	\$262.00
622.08 Mbps	\$6,709.08	\$262.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs)

(a) Per Intraswitch ETS EVC

Transfer Rate	Monthly Rate	Nonrecurring Charge
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

(b) Per Interswitch ETS EVC

Transfer Rate	Monthly Rate	Nonrecurring Charge
2 Mbps	\$88.20	\$205.00
5 Mbps	\$119.28	\$205.00
10 Mbps	\$223.63	\$205.00
20 Mbps	\$447.26	\$205.00
50 Mbps	\$626.18	\$205.00
100 Mbps	\$998.89	\$205.00
250 Mbps	\$2,058.00	\$205.00
500 Mbps	\$3,429.08	\$307.00
750 Mbps	\$4,557.00	\$307.00
1 Gbps	\$5,963.63	\$307.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service (Cont'd)

(3) ETS Ethernet Virtual Connections (EVCs) (Cont'd)

(c) Class of Service (CoS) Levels for Intraswitch ETS EVC
Monthly Rate per Megabit

Transfer Rate	Near Real Time (T)	Real Time (T)
2 Mbps	\$0.88	\$1.76
5 Mbps	\$0.88	\$1.76
10 Mbps	\$0.88	\$1.76
20 Mbps	\$0.88	\$1.76
50 Mbps	\$0.51	\$1.03
100 Mbps	\$0.51	\$1.03
250 Mbps	\$0.51	\$1.03
500 Mbps	\$0.29	\$0.59
750 Mbps	\$0.29	\$0.59
1 Gbps	\$0.29	\$0.59

(d) Class of Service (CoS) Levels for Interswitch ETS EVC
Monthly Rate per Megabit

Transfer Rate	Near Real Time (T)	Real Time (T)
2 Mbps	\$2.94	\$5.88
5 Mbps	\$2.94	\$5.88
10 Mbps	\$2.94	\$5.88
20 Mbps	\$2.94	\$5.88
50 Mbps	\$1.84	\$3.68
100 Mbps	\$1.84	\$3.68
250 Mbps	\$1.84	\$3.68
500 Mbps	\$1.10	\$2.21
750 Mbps	\$1.10	\$2.21
1 Gbps	\$1.10	\$2.21

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service (Cont'd)

(4) ETS Extended Ethernet Virtual Connections (E-EVCs)

(a) Per ETS E-EVC

<u>Transfer Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$58.80	\$410.00
5 Mbps	\$74.54	\$410.00
10 Mbps	\$134.18	\$410.00
20 Mbps	\$268.36	\$410.00
50 Mbps	\$417.45	\$410.00
100 Mbps	\$670.91	\$410.00
250 Mbps	\$1,396.50	\$410.00
500 Mbps	\$2,161.81	\$615.00
750 Mbps	\$2,940.00	\$615.00
1 Gbps	\$3,727.26	\$615.00

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

(a) Per ETS I-EVC

<u>Transfer Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
2 Mbps	\$70.00	\$410.00
5 Mbps	\$90.86	\$410.00
10 Mbps	\$167.38	\$410.00
20 Mbps	\$334.76	\$410.00
50 Mbps	\$526.04	\$410.00
100 Mbps	\$812.98	\$410.00
250 Mbps	\$1,650.00	\$410.00
500 Mbps	\$2,534.58	\$615.00
750 Mbps	\$3,400.00	\$615.00
1 Gbps	\$4,304.00	\$615.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service (Cont'd)

(6) Optional Features and Functions

(a) DSL Access Service Connection

(i) Per ETS Basic Port Equipped

<u>Capacity</u>	<u>Nonrecurring Charge</u>
10 Mbps	\$150.00
20 Mbps	\$150.00
50 Mbps	\$150.00
100 Mbps	\$150.00
500 Mbps	\$225.00
1 Gbps	\$225.00

(ii) 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

(iii) Per ETS MM – VCC

<u>Transfer Rate</u>	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
10 Mbps	\$6.70	\$7.00

Nonrecurring
Charge

(iv) Per ETS Design change \$6.00

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(C) Ethernet Transport Service (Cont'd)

(7) ETS Term Discount Plan

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

(8) ETS Volume Discount Plan

Number of Committed ETS

<u>Ports In-Service on Bill Date</u>	<u>Percentage</u>
0 to 4	0%
5 and above	10%

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.8 Public Packet Data Network (Cont'd)

(D) Internet Protocol Gateway Access Service

(1) IPG Transport Termination, Per Termination

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>
1.544 Mbps	\$257.99	\$330.00
44.736 Mbps	\$2,355.56	\$445.00

(2) IPG Transport Mileage Facility, Per Mile

1.544 Mbps	\$17.67	None
44.736 Mbps	\$153.96	None

(3) IPG Transport Mileage Termination, Per Termination

1.544 Mbps	\$91.70	None
44.736 Mbps	\$1,124.57	None

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.9 Digital Subscriber Line Access Services

(A) Asymmetric Digital Subscriber Line Access Service

Regulations concerning Asymmetric Digital Subscriber Line Access Service are set forth in Section 8.1 of NECA Tariff F.C.C. No. 5.

ADSL Line Charge	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
Per Voice-Data Option		
-512 kbps / 6 Mbps	\$31.36	\$185.00
-1 Mbps / 6 Mbps	\$34.48	\$185.00
-3 Mbps / 15 Mbps	\$38.13	\$185.00
-5 Mbps / 50 Mbps	\$43.61	\$185.00
Per Data Only Option		
-512 kbps / 6 Mbps	\$53.94	\$211.00
-1 Mbps / 6 Mbps	\$59.33	\$211.00
-3 Mbps / 15 Mbps	\$62.98	\$211.00
-5 Mbps / 50 Mbps	\$91.28	\$211.00

(B) Symmetric Digital Subscriber Line Access Service

Regulations concerning Symmetric Digital Subscriber Line Access Service are set forth in Section 8.2 of NECA Tariff F.C.C. No. 5.

SDSL Line Charge	Monthly <u>Rate</u>	Nonrecurring <u>Charge</u>
Per Voice-Data Option		
-256 kbps	\$21.25	\$185.00
-768 kbps	\$31.36	\$185.00
Per Data-Only Option		
-144 kbps	\$67.93	\$211.00
-256 kbps	\$53.75	\$211.00
-768 kbps	\$100.01	\$211.00
-2 Mbps	\$209.66	\$211.00
-4 Mbps	\$418.41	\$211.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(C) Reserved for Future Use

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(C) Reserved for Future Use

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(C) Reserved for Future Use

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(C) Reserved for Future Use

ACCESS SERVICE

17. Rates and Charges (Cont'd)

17.4 Other Services (Cont'd)

17.4.9 Digital Subscriber Line Access Services (Cont'd)

(D) Reserved for Future Use

(E) Reserved for Future Use

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.9 Digital Subscriber Line Access Services (Cont'd)

(F) DSL Extended Transport

Regulations concerning DSL Extended Transport are set forth in Sections 8.1.5(D) and 8.2.5(D) of the NECA Tariff F.C.C. No. 5.

Per DSL Extended Transport Path, Per Mile

<u>Capacity</u>	<u>Monthly Rate</u> Per Mile
1.5 Mbps <= 25 Miles	\$0.00
1.5 Mbps > 25 Miles	\$14.51
2 Mbps	\$5.00
5 Mbps	\$10.00
10 Mbps	\$20.29
20 Mbps	\$40.57
50 Mbps	\$65.93
100 Mbps	\$101.42
250 Mbps	\$175.00
500 Mbps	\$278.91
750 Mbps	\$350.00
1 Gbps	\$431.04

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan

Regulations concerning the DSL Access Services Wholesale Pricing Plan (DSL WPP) are set forth in Section 8.5 of the NECA Tariff F.C.C. No. 5.

(1) DSL WPP Monthly Plan Line Charges

	<u>Monthly Rate</u>	<u>Nonrecurring Charge</u>	
ASL Line Charge			
Per Voice-Data Option			
512 kbps / 6 Mbps	\$30.61	\$185.00	
1 Mbps / 6 Mbps	\$33.68	\$185.00	
3 Mbps / 15 Mbps	\$37.32	\$185.00	(N)
5 Mbps / 50 Mbps	\$43.11	\$185.00	
Per Data-Only Option			
512 kbps / 6 Mbps	\$53.20	\$211.00	
1 Mbps / 6 Mbps	\$58.52	\$211.00	
3 Mbps / 15 Mbps	\$62.17	\$211.00	
5 Mbps / 50 Mbps	\$83.67	\$211.00	
SDSL Line Charge			
Per Voice-Data Option			
256 kbps	\$20.75	\$185.00	
768 kbps	\$30.61	\$185.00	
Per Data-Only Option			
144 kbps	\$65.20	\$211.00	
256 kbps	\$53.25	\$211.00	
768 kbps	\$96.38	\$211.00	
2 Mbps	\$197.00	\$211.00	
4 Mbps	\$393.11	\$211.00	

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan

(a) DSL WPP Term Plan Charge Monthly Rate

-Pricing Option A \$105.32

-Pricing Option B \$526.64

(b) DSL WPP Term Plan Line Charges

Monthly Recurring Charge

<u>Option A</u>	<u>1 Year</u>	<u>3 Year</u>	<u>Nonrecurring Charge</u>
ADSL			
Per Voice-Data Option			
512 kbps / 6 Mbps	\$21.46	\$17.64	\$185.00
1 Mbps / 6 Mbps	\$23.53	\$19.67	\$185.00
3 Mbps / 15 Mbps	\$27.18	\$23.33	\$185.00
5 Mbps / 50 Mbps	\$32.96	\$28.90	\$185.00
Per Data-Only Option			
512 kbps / 6 Mbps	\$48.48	\$43.97	\$211.00
1 Mbps / 6 Mbps	\$50.25	\$45.74	\$211.00
3 Mbps / 15 Mbps	\$53.91	\$49.39	\$211.00
5 Mbps / 50 Mbps	\$73.53	\$69.48	\$211.00
SDSL			
Per Voice-Data Option			
256 kbps	\$14.50	\$12.00	\$185.00
768 kbps	\$21.46	\$17.64	\$185.00
Per Data-Only Option			
144 kbps	\$56.13	\$53.71	\$211.00
256 kbps	\$47.00	\$44.75	\$211.00
768 kbps	\$85.53	\$83.21	\$211.00
2 Mbps	\$131.65	\$110.59	\$211.00
4 Mbps	\$261.21	\$221.19	\$211.00

ACCESS SERVICE

17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

(b) DSL WPP Term Plan Line Charges (Cont'd)

<u>Option B</u>	<u>Monthly Recurring Charge</u>		<u>Nonrecurring Charge</u>	
	<u>1 Year</u>	<u>3 Year</u>		
ADSL				
Per Voice-Data Option				
512 kbps / 6 Mbps	\$16.80	\$11.85	\$185.00	(I)
1 Mbps / 6 Mbps	\$18.86	\$13.90	\$185.00	
3 Mbps / 15 Mbps	\$22.51	\$17.55	\$185.00	
5 Mbps / 50 Mbps	\$27.89	\$24.34	\$185.00	(I)
Per Data-Only Option				
512 kbps / 6 Mbps	\$42.85	\$41.83	\$211.00	(R)
1 Mbps / 6 Mbps	\$44.63	\$43.36	\$211.00	
3 Mbps / 15 Mbps	\$48.28	\$47.01	\$211.00	
5 Mbps / 50 Mbps	\$68.46	\$65.42	\$211.00	(R)
SDSL				
Per Voice-Data Option				
256 kbps	\$11.25	\$8.00	\$185.00	(I)
768 kbps	\$16.80	\$11.85	\$185.00	(I)
Per Data-Only Option				
144 kbps	\$52.67	\$48.45	\$211.00	(R)
256 kbps	\$43.75	\$40.50	\$211.00	
768 kbps	\$82.15	\$79.00	\$211.00	
2 Mbps	\$107.44	\$94.48	\$211.00	
4 Mbps	\$211.71	\$158.00	\$211.00	(R)

ACCESS SERVICE17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)17.4.9 Digital Subscriber Line Access Services (Cont'd)

(H) DSL Access Services Wholesale Pricing Plan (Cont'd)

(2) DSL WPP Term Plan (Cont'd)

DSL Volume Pricing Plan

<u>Monthly Volume Commitment Level</u>	<u>Monthly Discount</u>
500 Lines	5%
2,500 Lines	10%
5,000 Lines	15%