
INTERSTATE SERVICE GUIDE

Interstate Service Guide
for Customers of Detariffed Access Services
within the operating territories
listed on the Title Pages

LEGAL NOTICE

The FRONTIER Interstate Service Guide and Pricelist (Guide) applies to the FRONTIER “Detariffed Services” (as defined below) and other telecommunications services that are set forth in this Guide.

Detariffed Services, as described in this document, are interstate special access services for which tariffs were withdrawn pursuant to FCC Report and Order, FCC 17-43, released April 28, 2017.

Beginning upon the effectiveness of the withdrawal of Detariffed Service tariffs, Detariffed Services will be subject to and provided pursuant to the rates, terms and conditions of this Guide, unless a separately executed service agreement between you and Frontier provides otherwise.

Prospective customers wishing to purchase services at the rates, terms and conditions in the Guide may do so by initiating orders through the same processes used to order services from FRONTIER’s interstate access tariffs.

Service that is ordered without a separately executed service agreement between you and FRONTIER that applies to that order, will also be subject to the FRONTIER Interstate Access Service Agreement at <https://wholesale.frontier.com/docs/wholesaledocs/frontier-interstate-access-service-agreement.pdf>.

The services described in the Guide may be available through negotiated agreements, which may include rates, terms or conditions more favorable to you than those in the Guide. Prospective customers wishing to purchase Guide services at rates, terms or conditions different from those described in the Guide and the applicable FRONTIER Interstate Access Service Agreement may contact their FRONTIER service representative or go to the FRONTIER website at <https://wholesale.frontier.com/wholesale/access-services/interstate-service-guide>.

FRONTIER reserves the right to change the rates, terms and conditions in the Guide from time to time. Notification of Guide changes will be made available at the FRONTIER website.

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INTERSTATE SERVICE GUIDE

Regulations Rates and Charges
applying to the provision of Access Services
within a Local Access and Transport Area (LATA)
for connection to interstate
communications and for interstate intraLATA facilities for customers
within the operating territory of
the Issuing Carriers listed below.

Commonwealth Telephone Company LLC
in the state of Pennsylvania

Frontier Communications of Georgia, LLC
in the state of Georgia

Frontier Communications of Lamar County, LLC
in the state of Alabama

Frontier Communications of Mississippi LLC
in the state of Mississippi

Frontier Communications of Indiana LLC
in the state of Indiana

Frontier Communications – St. Croix, LLC
in the state of Wisconsin

Frontier Communications of Viroqua, LLC
in the state of Wisconsin

Frontier Communications of DePue, Inc.
in the state of Illinois

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

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CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

All Exchange Telephone Companies that have Access Tariffs on file under Part 69 of the Federal Communications Rules and Regulations with which FRONTIER TELEPHONE COMPANIES jointly provide Switched and Special Access Service.

REGISTERED SERVICE MARKS

NONE

REGISTERED TRADEMARKS

NONE

USERS GUIDEGeneral

- This guide references the National Exchange Carrier Association, Inc., Access Service Tariff F.C.C. No. 5 for its terms and conditions. This guide contains rates applicable to Interstate Access Services provided by the issuing carriers.

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EXPLANATION OF SYMBOLS

(C)	-	To signify changed	(C)
(D)	-	To signify discontinued.	(C)
(N)	-	To signify new rate or regulation	(C)

EXPLANATION OF ABBREVIATIONS

ACR	-	Alternate Carrier Routing
ADA	-	Abbreviated Dialing Arrangement
ADM	-	Add/Drop Multiplexing
ADSL	-	Asymmetric Digital Subscriber Line
AIN	-	Advanced Intelligent Network
AML	-	Actual Measured Loss
ANI	-	Automatic Number Identification
AP	-	Program Audio
ATM	-	Asynchronous Transfer Mode
ATM-CRS	-	Asynchronous Transfer Mode Cell Relay Access Service
BHMC	-	Busy Hour Minutes of Capacity
CBR	-	Constant Bit Rate
CCS	-	Common Channel Signaling
CDP	-	Customer Designated Premises
CI	-	Channel Interface
CIR	-	Committed Information Rate
CN Charge Number (N)		
CNP	-	Charge Number Parameter
CO	-	Central Office
Cont'd	-	Continued
CoS Class of Service		
CPE	-	Customer Provided Equipment
CPN	-	Calling Party Number
CSP	-	Carrier Selection Parameter
DA	-	Directory AssisTAnce
dB	-	decibel
dBrnC	-	Decibel Reference Noise C-Message Weighting
dBrnCO	-	Decibel Reference Noise C-Message Weighted O
dc	-	direct current
DDD	-	Direct Distance Dialing
DSL	-	Digital Subscriber Line
EAS	-	Extended Area Service
EDD	-	Envelope Delay Distortion
EML	-	Expected Measured Loss
EPL	-	Echo Path Loss
ERL	-	Echo Return Loss
ESS	-	Electronic Switching System
ESSX	-	Electronic Switching System Exchange
ETS	-	Ethernet Transport Service
f	-	frequency
F.C.C.	-	Federal Communications Commission
FRAS	-	Frame Relay Access Service
GETS	-	Government Emergency Telecommunications Service
HC	-	High Capacity
HPC	-	High Probability of Completion
Hz	-	Hertz
IC	-	Interexchange Carrier
ICB	-	Individual Case Basis
ICL	-	Inserted Connection Loss
IP	-	Internet Protocol

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EXPLANATION OF ABBREVIATIONS'(Cont'd)

IPG	-	Internet Protocol Gateway Access Service
ISDN BRI	-	Integrated Services Digital Network Basic Rate Interface
ISDN PRI	-	Integrated Services Digital Network Primary Rate Interface
kbps	-	kilobits per second
kHz	-	kilohertz
LAN	-	Local Area Network
LATA	-	Local Access and Transport Area
LBR-VCC	-	Low Bit Rate-Virtual Circuit Channel
LNP	-	Local Number Portability
LRN	-	Location Routing Number
ma	-	milliamperes
Mbps	-	Megabits per second
mcs	-	Microsecond
MHz	-	Megahertz
MM-VCC	-	MultiMedia Virtual Circuit Channel
MRC	-	Monthly Recurring Charge
MT	-	Metallic
MTS	-	Message Telecommunications Service(s)
NNI	-	Network to Network Interface
NPA	-	Numbering Plan Area
NRC	-	Nonrecurring Charge
NXX	-	Three-Digit Central Office Prefix
OC	-	Optical Carrier
OLT	-	Optical Line Termination
PBX	-	Private Branch Exchange
PIC	-	Presubscribed Interexchange Carrier
POT	-	Point of Termination
PSTN	-	Public Switched Telephone Network
PVC	-	Permanent Virtual Connection
SAC	-	Service Access Code
SDSL	-	Symmetric Digital Subscriber Line
SNAL	-	Signaling Network Access Line
SONET	-	Synchronous Optical Network
SP	-	Signaling Point
SPOI	-	Signaling Point of Interface
SRL	-	Singing Return Loss
SSP	-	Service Switching Point
SS7	-	Signaling System 7
STP	-	Signal Transfer Point
STS	-	Synchronous Transport Signal
SWC	-	Serving Wire Center
TDM	-	Time Division Multiplexing (N)
TG	-	Telegraph Grade
TLP	-	Transmission Level Point
TV	-	Television
UBR	-	Unspecified Bit Rate
UNI	-	User Network Interface
V & H	-	Vertical & Horizontal
VBR-nrt	-	Variable Bit Rate – non-real time
VBR-rt	-	Variable Bit Rate – real time
VCC	-	Virtual Circuit Channel
VG	-	Voice Grade
VP	-	Virtual Path
WATS	-	Wide Area Telecommunications Service(s)
WSC	-	Wireless Switching Center
WSO	-	WATS Serving Office

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REFERENCE TO OTHER TARIFFS

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

The following tariff is referenced in this Guide and may be obtained from the National Exchange Carrier Association, 80 South Jefferson Road, Whippany, NJ 07981-1009 or in electronic format on the Internet at www.neca.org.

National Exchange Carrier Association, Inc.
Tariff F.C.C. No. 5

The following tariff is reference in this Guide and may be obtained in electronic format on the internet at <http://tariffs.frontiercorp.com/crtf/tariffs/>.

Frontier Telephone Companies
Tariff FCC No. 7

REFERENCE TO OTHER PUBLICATIONS

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

INTERSTATE SERVICE GUIDE

1. Application of Guide

- 1.1 This guide contains regulations, rates and charges applicable to the provision of Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided to customers by the Frontier Telephone Companies, hereinafter referred to as the Telephone Company.
- 1.2 The provision of such services by the Telephone Company as set forth in this guide does not constitute a joint undertaking with the customer for the furnishing of any service.

INTERSTATE SERVICE GUIDE

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, except as set forth following:

References to Metallic, Telegraph Grade, Program Audio, and Video Special Access Services are not applicable as these services are not offered.

References to Directory Assistance Services are not applicable as the service is not offered.

References to DA Service and Directory Access Service are not applicable as the services are not offered.

References to Directory Transport are not applicable as the service is not offered.

References to Asynchronous Transfer Mode, ATM, Asynchronous Transfer Mode Cell Relay Services, and ATM-CRS are not applicable as these services are not offered under this guide.

References to Internet Protocol Gateway (IPG) Access Service are not applicable as the service is not offered.

References to a special construction tariff are changed to refer to Frontier Telephone Companies Tariff FCC No. 7.

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3. Reserved For Future Use

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4. Reserved For Future Use

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5. Access Ordering

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

References to Metallic, Telegraph Grade, Program Audio, and Video Special Access Services are not applicable as these services are not offered.

References to Directory Assistance service are not applicable as the service is not offered.

References to DSL Access Services, ADSL Access Service, and SDSL Access service are not applicable as these services are not offered under this tariff.

References to Asynchronous Transfer Mode, ATM, Asynchronous Transfer Mode Cell Relay Services, and ATM-CRS are not applicable as these services are not offered under this tariff.

References to Internet Protocol Gateway (IPG) Access Service are not applicable as the service is not offered.

References to a special construction tariff are changed to refer to Frontier Telephone Companies Tariff FCC No. 7.

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6. Reserved For Future Use

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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, except as set forth following:

References to Metallic, Telegraph Grade, Program Audio, and Video Special Access Services are not applicable as these services are not offered.

7.1 Competitive Counties

- (A) Certain Special Access rates and charges are applied based on whether the End User Channel Termination is served from a "Competitive County."

The term "Competitive County" denotes that the geographic unit of a county or county-equivalent that passes or has passed a competitive market test specified by the FCC. Competitive County also denotes a county or county-equivalent that failed a competitive market test specified by the FCC, but was granted Phase II, Level 2 pricing flexibility prior to June 1, 2017.

(C)

- (B) IC CDL

(N)

The Term "IC CDL" denotes a Customer Designated Location (CDL) where facilities for interstate access is terminated and connected to an Interexchange Carrier. In this guide charges for IC CDLs apply to Competitive and Non-Competitive Counties.

(N)

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7. Special Access Service (Cont'd)7.1 Competitive Counties (Cont'd)

(A) Competitive County List

(1) The following wire centers are in Competitive Counties:

State	County	Wire Center
AL	Lamar	KNDYALXA
AL	Lamar	MLPTALXA
GA	Bulloch	RGSTGAXA
GA	Bulloch	STBOGAXA
GA	Bulloch	STBOGAXB
PA	Berks	LSPTPAXL
PA	Bradford	LRYVPAXL
PA	Bradford	NWALPAXN
PA	Bradford	ROMEPA XR
PA	Bradford	TWNDPAXT
PA	Bradford	TROYPA XT
PA	Bradford	ULSTPA XU
PA	Bradford	WRCTPA XW
PA	Bradford	WYALPA XW
PA	Bucks	ERWNPAXE
PA	Bucks	FRNDPA XF
PA	Chester	ATGLPA XA
PA	Columbia	BNTNPA XB
PA	Columbia	ORVLPAXO
PA	Dauphin	EZVLPAXE
PA	Dauphin	GRTZPA XG
PA	Dauphin	LYKNPA XL
PA	Dauphin	MLBGPAXM
PA	Lackawanna	CLSMPAXC
PA	Lackawanna	DLTNPA XD
PA	Lancaster	GAP PA XG
PA	Lancaster	HNSLPA XH
PA	Lancaster	KRWDPA XK
PA	Lancaster	QRVLPAXQ
PA	Lancaster	RWVLPAXR
PA	Lehigh	CPBGPAXC

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7. Special Access Service (Cont'd)7.1 Competitive Counties (Cont'd)

(C) Competitive County Lists(Cont'd)

(1) The following wire centers are in Competitive Counties: (Cont'd)

State	County	Wire Center
PA	Luzerne	CNYNPAXC
PA	Luzerne	WPWLPAXW
PA	Luzerne	DLLSPAXD
PA	Luzerne	HDNGPAXH
PA	Luzerne	HVLKPAXH
PA	Luzerne	HNTMPAXH
PA	Luzerne	MHBGPAXM
PA	Luzerne	NNGLPAXN
PA	Luzerne	SHCKPAXS
PA	Luzerne	SWVYPAXS
PA	Luzerne	TKVLPAXT
PA	Monroe	PCLKPAXP
PA	Monroe	SYBGPAXS
PA	Northampton	BNGRPAXB
PA	Northampton	PNARPAXP
PA	Northampton	PTLDPAXP
PA	Northampton	RMNHPAXR
PA	Susquehanna	BRKLPAXB
PA	Susquehanna	HLSTPAXH
PA	Susquehanna	LVCNPAXL
PA	Susquehanna	MTRSPAXM
PA	Susquehanna	STJSPAXS
PA	Susquehanna	SVLSPAXS
PA	Susquehanna	SSQHPAXS
PA	York	LWBYPAXL
WI	Polk	STPRWIXA
WI	St. Croix	NWMDWIXA
WI	Vernon	VIRQWIXA

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8. RESERVED FOR FUTURE USE

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9. RESERVED FOR FUTURE USE

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10. RESERVED FOR FUTURE USE

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11. RESERVED FOR FUTURE USE

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12. RESERVED FOR FUTURE USE

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13. Additional Engineering, Additional Labor and Miscellaneous Services

Regulations, Terms and Conditions for Additional Engineering, Additional Labor and Miscellaneous Services 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

Regulations, 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.

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15. Access Service Interfaces and Transmission Specifications

Regulations, Terms and Conditions for Access Service Interfaces and Transmission Specifications are the same as those set forth in Section 15 of the National Exchange Carrier Association Tariff F.C.C. No. 5, except as set forth following:

References to Metallic, Telegraph Grade, Program Audio, and Video Special Access Services are not applicable as these services are not offered.

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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, except as set forth following:

References to Asynchronous Transfer Mode, ATM, Asynchronous Transfer Mode Cell Relay Services, and ATM-CRS are not applicable as these services are not offered under this tariff.

References to Internet Protocol Gateway (IPG) Access Service are not applicable as the service is not offered.

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17. Rates and Charges

17.1 Reserved

17.2 Reserved

17.3 Special Access Service

17.3.1 Reserved

17.3.2 Reserved

17.3.3 Reserved

17.3.4 Voice Grade Service

Channel Termination, per termination

Competitive Exchanges

Per month, 2 Wire

\$60.67

(C)

Per month, 4 Wire

\$95.96

Nonrecurring charge

\$929.88

Channel Mileage Facility, per mile, per month

\$4.26

Competitive & Non-Competitive Exchanges

Channel Mileage Termination, per termination, per month

Competitive & Non-Competitive Exchanges

\$43.04

(C)

Bridging, per port, per month

Voice Bridging

\$4.48

Data Bridging

\$4.54

Telephoto Bridging

\$4.54

Dataphone Select-a-Station Bridging

Sequential Arrangement per Channel Connected

2-Wire

\$15.48

4-Wire

\$82.09

Addressable Arrangement per Channel Connected

2-Wire

\$16.56

4-Wire

\$71.70

Telemetry and Alarm Bridging per Channel Connected

Active Bridging, Split Band

\$7.23

Active Bridging, Summation

\$2.83

Passive Bridging

\$0.20

Conditioning, per termination per month

C-Type Conditioning

\$5.16

Improved Attenuation Distortion*

None

Improved Envelope Delay Distortion*

None

Data Capability, per month

\$4.59

Telephoto Capability, per month

\$6.30

Sealing Current

None

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

Improved Return Loss for Effective 2-Wire or 4-Wire Transmission, per Termination	
2-Wire	\$10.11
4-Wire	\$10.11
Customer Specified Receive Level Per 2-Wire Termination, per month	\$7.50
Signaling Capability, per termination per month	\$12.32
Selective Signaling Arrangement, per Arrangement per month	\$4.54

17.3.5 Reserved for Future Use

17.3.6 Reserved for Future Use

Rate17.3.7 Digital Data Service

Channel Termination, per termination		(C)
Competitive Exchanges		
2.4 Kbps, per month	\$109.48	
4.8 Kbps, per month	\$109.48	
9.6 Kbps, per month	\$109.48	
19.2 Kbps, per month	\$109.48	
56.0 Kbps, per month	\$109.48	
64.0 Kbps, per month	\$109.48	
Nonrecurring Charge	\$805.90	
Channel Mileage Facility, per mile		
Competitive & Non-Competitive Exchanges		
2.4 Kbps, per month	\$4.03	
4.8 Kbps, per month	\$4.03	
9.6 Kbps, per month	\$4.03	
19.2 Kbps, per month	\$4.03	
56.0 Kbps, per month	\$5.74	
64.0 Kbps, per month	\$5.74	
Channel Mileage Termination, per termination		
Competitive & Non-Competitive Exchanges		
2.4 Kbps, per month	\$40.36	
4.8 Kbps, per month	\$40.36	
9.6 Kbps, per month	\$40.36	
19.2 Kbps, per month	\$40.36	
56.0 Kbps, per month	\$57.90	
64.0 Kbps, per month	\$57.90	

(C)

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.8 High Capacity Service

	<u>Rate</u>	
Channel Termination, per termination, per month		
DS1 1.544 Mbps, Competitive Exchanges	\$320.13	(C)
DS1 IC CDL – Competitive & Non-Competitive Exchanges	\$320.13	
DS1 1.544 Mbps, Nonrecurring Charge, Competitive Exchanges	\$681.91	
DS3 44.736 Mbps, Competitive Exchanges	\$2,934.90	
DS3 IC CDL -Competitive & Non-Competitive Exchanges	\$2,934.90	
DS3 44.736 Mbps, Nonrecurring Charge, Competitive Exchanges	\$919.55	
Channel Mileage Facility, per mile		
Competitive & Non-Competitive Exchanges		
64 Kbps*, per month	\$7.03	
DS1 1.544 Mbps, per month	\$21.90	
DS3 44.736 Mbps, per month	\$192.22	
Channel Mileage Termination, per termination		
Competitive & Non-Competitive Exchanges		
64 Kbps*, per month	\$74.51	
DS1 1.544 Mbps, per month	\$113.74	
DS3 44.736 Mbps, per month	\$734.92	
Multiplexing, per arrangement per month		
Competitive & Non-Competitive Exchanges		
DS3 to DS1	\$609.51	
DS1 to Voice	\$234.89	
DS1 to DS0	\$299.50	
DS0 to Subrates		
Up to 20 2.4 kbps	\$674.50	
Up to 10 4.8 kbps	\$458.33	
Up to 5 9.6 kbps	\$406.40	
Shared SONET Ring Interoffice Transport		
Per DS3 Channel Mileage Facility	None	
DSL Access Service Connection		
per 1.544 Mbps, per month	\$141.86	
per 1.544 Mbps, nonrecurring	\$450.00	
per 44.736 Mbps, per month	\$1,218.60	
per 47.636 Mbps, nonrecurring	\$650.00	

17.3.9 Reserved for Future Use

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

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17. Rates and Charges (Cont'd)

17.3 Special Access Service (Cont'd)

17.3.10 Optional Rate Plan Availability # (C)

The Term Discount Optional Rate Plans as described in Sections 7.2.8(A)(1), 7.2.8(B), 16.1.3(A), 16.2.5, and 16.3.5, of the National Exchange Carrier Association Tariff F.C.C. No. 5 are available only from those Telephone Companies listed below:

Commonwealth Telephone Company LLC

17.3.11 Synchronous Optical Channel Service

	<u>Rate</u>	
Channel Termination, per termination		
OC3/OC3C 155.52 Mbps, per month	\$1,312.27	
OC12 622.08 Mbps Mbps, per month	\$1,929.58	
OC3/OC3C/OC12, nonrecurring Charge	\$360.00	
Channel Mileage Facility, per mile		
OC3/OC3C 155.52 Mbps, per month	\$90.48	
OC12 622.08 Mbps Mbps, per month	\$124.53	
Channel Mileage Termination, per termination		
OC3/OC3C 155.52 Mbps, per month	\$335.14	
OC12 622.08 Mbps Mbps, per month	\$803.58	
Optional Rate Plan Term Discounts* #		(C)
DS1 & DS3 Services	<u>Percentage</u>	
36 Months	10%	
60 Months	20%	
Customer Node, per Node		
OC3/OC3C 155.52 Mbps, per month	\$305.65	
OC12 622.08 Mbps Mbps, per month	\$969.88	
OC3/OC3C/OC12, nonrecurring Charge	\$640.00	
Customer Premises Port, per Port		
OC3/OC3C 155.52 Mbps, per month	\$100.59	
STS-1 51.84 Mbps, per month	\$132.26	
DS3 44.736 Mbps, per month	\$132.26	
DS1 1.544 Mbps, per month	\$33.90	
Nonrecurring charge, all speeds	\$640.00	
Add/Drop Multiplexing Central Office Port, per Port		
OC3/OC3C 155.52 Mbps, per month	\$137.70	
DS3 44.736 Mbps, per month	\$67.82	
DS1 1.544 Mbps, per month	\$27.12	

* Available only at companies listed in Section 17.3.10 preceding.

Effective November 19, 2021, Optional Rate Plan Term Discounts are no longer permitted. (N)
 Optional Rate Plan Term Discounts in effect as of November 19, 2021 may continue the existing term but will not be eligible to extend, renew, reenroll in, convert to a new term period, or in any other way continue their existing plan beyond its current expiration. At expiration of the term the service will convert to per month rate with no discount. If at any time an existing customer terminates its Optional Rate Plan Term Discount(s), the customer may not re-subscribe to the plan.

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

	<u>Rate</u>
Shared SONET Ring Interoffice Transport, Per Channel Mileage Facility	
OC3/OC3C	None
OC12	None
DSL Access Service Connection	
per OC3/OC3c, per month	\$2,135.00
per OC3/OC3c, nonrecurring	\$1,200.00

17.4.1 Access Ordering

Access Order Charge, per order	\$86.00	
Service Date Change Charge, per order	\$60.00	
Design Change Charge, per order	\$173.58	(C)
Miscellaneous Service Order Charge, per occurrence	\$123.00	

17.4.2 Additional Engineering

Basic Time per engineer normally scheduled working hours, each half hour or fraction thereof	\$31.03
Overtime per engineer outside of normally scheduled working hours, each half hour or fraction thereof	\$46.55
Premium Time per engineer outside of scheduled work day, each half hour or fraction thereof	\$62.06

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17.4	<u>Other Services</u> (Cont'd)	<u>Rate</u>
17.4.3	<u>Additional Labor</u>	
	Installation or Repair	
	Overtime per technician, outside of normally scheduled working hours each half hour or fraction thereof	\$47.57*
	Premium Time per technician, outside of scheduled work day each half hour or fraction thereof	\$63.42*
	Stand by	
	Basic Time per technician, normally scheduled working hours, each half hour or fraction thereof	\$21.18*
	Overtime per technician, outside of normally scheduled working hours each half hour or fraction thereof	\$31.77*
	Premium Time per technician, outside of scheduled work day each half hour or fraction thereof	\$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.

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17.4	<u>Other Services</u> (Cont'd)	<u>Rate</u>
17.4.3	<u>Additional Labor</u> (Cont'd)	
	Testing and Maintenance with other Telephone Companies, or Other Labor, Installation and Repair Technician	
	Basic Time per technician, normally scheduled working hours, each half hour or fraction thereof	\$31.71
	Overtime per technician, outside of normally scheduled working hours each half hour or fraction thereof	\$47.57*
	Premium Time per technician, outside of scheduled work day each half hour or fraction thereof	\$63.42*
	Testing and Maintenance with other Telephone Companies, or Other Labor, Central Office Maintenance Technician	
	Basic Time per technician, normally scheduled working hours, each half hour or fraction thereof	\$34.66
	Overtime per technician, outside of normally scheduled working hours each half hour or fraction thereof	\$51.99*
	Premium Time per technician, outside of scheduled work day each half hour or fraction thereof	\$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.

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17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)Rate17.4.4 Miscellaneous Services

Additional Cooperative Acceptance Testing – Special Access
Basic Time, Overtime, and Premium Time*
See Additional Labor rates in 17.4.3 preceding

Additional Manual Testing – Special Access
Basic Time, Overtime, and Premium Time*
See Additional Labor rates in 17.4.3 preceding

Maintenance of Service
Basic Time, Overtime, and Premium Time*
See Additional Labor rates in 17.4.3 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.

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

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17.4.5 Reserved for Future Use

17.4.6 Reserved for Future Use

17.4.7 Reserved for Future Use

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17.4 Other Services

	<u>Rate</u>
17.4.8 <u>Public Packet Data Network</u>	
(A) <u>Frame Relay Access Service</u>	
Frame Relay Access Connection (FRAC), per FRAC	
56.0 kbps, per month	\$127.72
64.0 kbps, per month	\$127.72
56.0 kbps or 64.0 kbps, nonrecurring charge	\$345.00
1.544 Mbps, per month	\$267.44
1.544 Mbps, nonrecurring charge	\$345.00
44.736 Mbps, per month	\$1,655.69
44.736 Mbps, nonrecurring charge	\$345.00
Frame Relay Inter-network Connection (FRIC), per FRIC	
1.544 Mbps, per month	\$267.44
1.544 Mbps, nonrecurring charge	\$345.00
44.736 Mbps, per month	\$1,879.14
44.736 Mbps, nonrecurring charge	\$345.00
End User Port, per port	
56.0 kbps, per month	\$48.53
64.0 kbps, per month	\$48.53
1.544 Mbps, per month	\$113.02
44.736 Mbps, per month	\$915.80
Inter-network Customer Port, per port	
1.544 Mbps, per month	\$113.02
44.736 Mbps, per month	\$915.80
Optional Rate Plan, Term Discounts*	<u>Percentage</u>
36 Months	10%
60 Months	20%
Permanent Virtual Connections (PVCs), Standard CIR	
8 kbps, per month	\$3.46
16 kbps, per month	\$3.46
28 kbps, per month	\$4.16
32 kbps, per month	\$4.16
56 kbps, per month	\$4.86
64 kbps, per month	\$4.86
128 kbps, per month	\$6.22
192 kbps, per month	\$8.33
256 kbps, per month	\$9.71
384 kbps, per month	\$13.87
512 kbps, per month	\$19.40
768 kbps, per month	\$24.97

* Available only at companies listed in Section 17.3.10 preceding.

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

	<u>Rate</u>
17.4.8 <u>Public Packet Data Network (Cont'd)</u>	
(A) <u>Frame Relay Access Service (Cont'd)</u>	
Permanent Virtual Connections (PVCs), Extended CIR	
8 kbps, per month	\$4.16
16 kbps, per month	\$4.16
28 kbps, per month	\$5.02
32 kbps, per month	\$5.02
56 kbps, per month	\$10.03
64 kbps, per month	\$10.03
128 kbps, per month	\$20.05
192 kbps, per month	\$30.07
256 kbps, per month	\$40.09
384 kbps, per month	\$60.12
512 kbps, per month	\$80.17
768 kbps, per month	\$120.26
PVC Installation Charge, nonrecurring	\$64.00
PVC Rearrangement Charge, nonrecurring	\$32.00
(B) <u>Reserved</u>	
(C) <u>Ethernet Transport Service</u>	
ETS Channel Terminations, per termination when customer designated premises is located within 300 feet of the ETS SWC	
2 Mbps, per month	\$64.27
5 Mbps, per month	\$78.88
10 Mbps, per month	\$91.10
20 Mbps, per month	\$99.99
50 Mbps, per month	\$119.99
100 Mbps, per month	\$137.33
250 Mbps, per month	\$189.88
500 Mbps, per month	\$248.87
750 Mbps, per month	\$289.20
1 Gbps, per month	\$331.08
2 Mbps to 250 Mbps nonrecurring charge	\$295.00
500 Mbps to 1 Gbps nonrecurring charge	\$442.00
ETS Channel Terminations, per termination when customer designated premises is located more than 300 feet from the ETS SWC	
2 Mbps, per month	\$167.89
5 Mbps, per month	\$173.53

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

	<u>Rate</u>
17.4.8 <u>Public Packet Data Network</u> (Cont'd)	
(C) <u>Ethernet Transport Service</u> (Cont'd)	
10 Mbps, per month	\$174.46
20 Mbps, per month	\$194.75
50 Mbps, per month	\$228.49
100 Mbps, per month	\$244.13
250 Mbps, per month	\$346.02
500 Mbps, per month	\$444.41
750 Mbps, per month	\$511.21
1 Gbps, per month	\$610.32
2 Mbps to 250 Mbps nonrecurring charge	\$295.00
500 Mbps to 1 Gbps nonrecurring charge	\$442.00
ETS Basic Ports, per Port	
2 Mbps, per month	\$84.25
5 Mbps, per month	\$95.35
10 Mbps, per month	\$103.82
20 Mbps, per month	\$114.43
50 Mbps, per month	\$125.87
100 Mbps, per month	\$137.33
250 Mbps, per month	\$189.56
500 Mbps, per month	\$233.32
750 Mbps, per month	\$295.04
1 Gbps, per month	\$366.19
2 Mbps to 250 Mbps nonrecurring charge	\$259.00
500 Mbps to 1 Gbps nonrecurring charge	\$388.00
ETS Interconnection Ports, per Port	
44.736 Mbps, per month	\$1,333.24
44.736 Mbps, nonrecurring charge	\$175.00
155.52 Mbps, per month	\$1,599.89
155.52 Mbps, nonrecurring charge	\$262.00
622.08 Mbps, per month	\$2,666.47
622.08 Mbps, nonrecurring charge	\$262.00
ETS Ethernet Virtual Connections (EVCs) per Intraswitch ETS EVC	
2 Mbps, per month	\$0.00
5 Mbps, per month	\$0.00
10 Mbps, per month	\$0.00
20 Mbps, per month	\$0.00
50 Mbps, per month	\$0.00
100 Mbps, per month	\$0.00
250 Mbps, per month	\$0.00
500 Mbps, per month	\$0.00
750 Mbps, per month	\$0.00

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

	<u>Rate</u>
17.4.8 <u>Public Packet Data Network</u> (Cont'd)	

(C) Ethernet Transport Service (Cont'd)

1 Gbps, per month	\$0.00
2 Mbps to 250 Mbps nonrecurring charge	\$205.00
500 Mbps to 1 Gbps nonrecurring charge	\$307.00

Class of Service (COS) Levels for Intraswitch ETS EVC

Monthly rate per COS Level, per Megabit

Speeds of 2 Mbps to 20 Mbps

Near Real Time	\$0.50
Real Time	\$1.01

Speeds of 50 Mbps to 250 Mbps

Near Real Time	\$0.29
Real Time	\$0.58

Speeds of 500 Mbps to 1 Gbps

Near Real Time	\$0.16
Real Time	\$0.34

ETS Ethernet Virtual Connections (EVCs) per Interswitch ETS EVC

2 Mbps, per month	\$35.06
5 Mbps, per month	\$47.41
10 Mbps, per month	\$91.55
20 Mbps, per month	\$183.09
50 Mbps, per month	\$256.34
100 Mbps, per month	\$408.91
250 Mbps, per month	\$817.94
500 Mbps, per month	\$1,362.87
750 Mbps, per month	\$1,811.15
1 Gbps, per month	\$2,370.20

2 Mbps to 250 Mbps nonrecurring charge	\$205.00
500 Mbps to 1 Gbps nonrecurring charge	\$307.00

Class of Service (COS) Levels for Interswitch ETS EVC

Monthly rate per COS Level, per Megabit

Speeds of 2 Mbps to 20 Mbps

Near Real Time	\$1.67
Real Time	\$3.34

Speeds of 50 Mbps to 250 Mbps

Near Real Time	\$1.04
Real Time	\$2.08

Speeds of 500 Mbps to 1 Gbps

Near Real Time	\$0.63
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17. Rates and Charges (Cont'd)17.4 Other Services (Cont'd)

	<u>Rate</u>
17.4.8 <u>Public Packet Data Network</u> (Cont'd)	
(C) <u>Ethernet Transport Service</u> (Cont'd)	
Real Time	\$1.25
ETS Extended Virtual Connections (E-EVCs) per ETS E-EVC	
2 Mbps, per month	\$23.37
5 Mbps, per month	\$29.62
10 Mbps, per month	\$53.33
20 Mbps, per month	\$109.86
50 Mbps, per month	\$165.92
100 Mbps, per month	\$266.44
250 Mbps, per month	\$555.03
500 Mbps, per month	\$859.20
750 Mbps, per month	\$1,168.48
1 Gbps, per month	\$1,481.37
2 Mbps to 250 Mbps nonrecurring charge	\$410.00
500 Mbps to 1 Gbps nonrecurring charge	\$615.00
ETS Interconnected Ethernet Virtual Connections (I-EVCs) per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is less than or equal to 50 miles	
2 Mbps, per month	\$47.23
5 Mbps, per month	\$61.31
10 Mbps, per month	\$118.91
20 Mbps, per month	\$308.42
50 Mbps, per month	\$530.25
100 Mbps, per month	\$749.02
250 Mbps, per month	\$1,704.45
500 Mbps, per month	\$2,335.16
750 Mbps, per month	\$3,132.49
1 Gbps, per month	\$3,965.37
2 Mbps to 250 Mbps nonrecurring charge	\$410.00
500 Mbps to 1 Gbps nonrecurring charge	\$615.00
ETS Interconnected Ethernet Virtual Connections (I-EVCs) per ETS I-EVC when the airline distance between the ETS SWCs serving the customer designated premises is between 51 and 75 miles	
2 Mbps, per month	\$108.00
5 Mbps, per month	\$139.15
10 Mbps, per month	\$270.98
20 Mbps, per month	\$450.00
50 Mbps, per month	\$768.99

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

	<u>Rate</u>
17.4.8 <u>Public Packet Data Network</u> (Cont'd)	
(C) <u>Ethernet Transport Service</u> (Cont'd)	
100 Mbps, per month	\$937.44
250 Mbps, per month	\$1,625.87
500 Mbps, per month	\$2,736.00
750 Mbps, per month	\$3,681.00
1 Gbps, per month	\$4,680.00
2 Mbps to 250 Mbps nonrecurring charge	\$410.00
500 Mbps to 1 Gbps nonrecurring charge	\$615.00
DSL Access Service Connection	
per ETS Basic Port equipped, nonrecurring charge	\$150.00
per ETS Interconnection Port equipped, nonrecurring charge	\$150.00
per ETS MM-VCC, per month	\$2.66
per ETS MM-VCC, nonrecurring charge	\$7.00
per ETS LBR-VCC, per 64 kbps, per month	\$0.32
per ETS LBR-VCC, nonrecurring charge	\$7.00
per ETS design change, nonrecurring charge	\$6.00
ETS Term Discount Plan*	
Term Commitment	Percentage
36 months	10%
60 months	20%
ETS Term Discount Plan*	
Number of Committed ETS Ports in-Service On Bill Date	Percentage
0 to 4	0%
5 and above	10%

* Available only at companies listed in Section 17.3.10 preceding.