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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

REGISTERED TRADEMARKS

NONE 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 the issuing carriers.

EXPLANATION OF SYMBOLS

(C) (D)

To signify changed regulation
To signify discontinued rate or regulation

To signify increase

To signify matter relocated without change

To signify new rate or regulation

To signify reduction

To signify reissued matter

To signify a change in text but no change in rate or regulation

To signify a correction

EXPLANATION OF ABBREVIATIONS

ACR Alternate Carrier Routing

Abbreviated Dialing Arrangement **ADA**

ADM

Add/Drop Multiplexing
Asymmetric Digital Subscriber Line
Advanced Intelligent Network **ADSL** AIN

Actual Measured Loss **AML**

ANI **Automatic Number Identification**

AΡ Program Audio

Asynchronous Transfer Mode ATM

ATM-CRS Asynchronous Transfer Mode Cell Relay Access Service Busy Hour Minutes of Capacity

BHMC

Constant Bit Rate CBR

CCS Common Channel Signaling Customer Designated Premises CDP

CI Channel Interface

CIR Committed Information Rate

CN Charge Number (N)

Charge Number Parameter **CNP**

CO Central Office Cont'd Continued

CoS Class of Service

CPE **Customer Provided Equipment**

Calling Party Number
Carrier Selection Parameter CPN CSP DA **Directory Assistance**

dΒ decibel

dBrnC Decibel Reference Noise C-Message Weighting dBrnCO Decibel Reference Noise C-Message Weighted O

direct current dc

Direct Distance Dialing DDD DSL Digital Subscriber Line

EXPLANATION OF ABBREVIATIONS (Cont'd)

EAS Extended Area Service **EDD Envelope Delay Distortion EML Expected Measured Loss**

EPL Echo Path Loss **ERL** Echo Return Loss

ESS

Electronic Switching System
Electronic Switching System Exchange
Ethernet Transport Service ESSX

ETS

frequency

F.C.C. Federal Communications Commission

FRAS Frame Relay Access Service

Government Emergency Telecommunications Service **GETS**

High Capacity HC

HPC High Probability of Completion

Hertz Hz

IC Interexchange Carrier **ICB** Individual Case Basis **Inserted Connection Loss ICL**

ΙP Internet Protocol

Internet Protocol Gateway Access Service **IPG**

ISDN BRI Integrated Services Digital Network Basic Rate Interface Integrated Services Digital Network Primary Rate Interface ISDN PRI

kbps kilobits per second

kHz kilohertz

Local Area Network LAN

LATA Local Access and Transport Area LBR-VCC Low Bit Rate-Virtual Circuit Channel

Local Number Portability LNP LRN Location Routing Number milliamperes ma Mbps Megabits per second

mcs Microsecond Megahertz MHz

MM-VCC MultiMedia Virtual Circuit Channel

MRC Monthly Recurring Charge

ΜT Metallic

MTS Message Telecommunications Service(s)

EXPLANATION OF ABBREVIATIONS (Cont'd)

NNI Network to Network Interface

NPA Numbering Plan Area **NRC**

Nonrecurring Charge
Three-Digit Central Office Prefix NXX

OC Optical Carrier

Optical Line Termination OLT Private Branch Exchange PBX

Presubscribed Interexchange Carrier PIC

POT Point of Termination PSTN Public Switched Telephone Network

PVC Permanent Virtual Connection

SAC Service Access Code

Symmetric Digital Subscriber Line SDSL Signaling Network Access Line **SNAL** Synchronous Optical Network SONET

SP

Signaling Point
Signaling Point of Interface
Singing Return Loss
Service Switching Point SPOI SRL SSP SS7 Signaling System 7 STP Signal Transfer Point

STS Synchronous Transport Signal

Sérving Wire Center **SWC**

Time Division Multiplexing (N) TDM

Telegraph Grade TG

TĽP Transmission Level Point Television ΤV

Unspecified Bit Rate **UBR** 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

Voice Grade VG VΡ Virtual Path

Wide Area Telecommunications Service(s)

WATS WSC Wireless Switching Center

WATS Serving Office **WSO**

REFERENCE TO OTHER TARIFFS

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

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

Frontier Telephone Companies Tariff FCC No. 7

(N) | | | (X) (N)(X)

REFERENCE TO OTHER 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.

(X) Issued under authority of Special Permission No. 13-020.

Issued: August 12, 2013 Effective: August 27, 2013

1. Application of Tariff

- 1.1 This tariff contains regulations, rates and charges applicable to the provision of Carrier Common Line, End User Access, Switched Access and Special Access Services, and other miscellaneous services, hereinafter referred to collectively as service(s), provided to customers by the Issuing Carriers of this tariff, hereinafter referred to as the Telephone Company.
- 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.

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 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.

(N)(X) (N)(X)

(X) Issued under authority of Special Permission No. 13-020.

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, except as set forth following:

The MLB EUCL FUSC Surcharge Factor does not apply to the issuing carriers of this tariff.

Issued: July 17, 2012 Effective: August 1, 2012

4. End User Access Service

Regulations, 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 except as set forth following:

When an End User temporarily suspends its Local Exchange Service which is associated with End User FIA, the credit allowance for the Common Line and the Access Recovery Charge (ARC) is the same as that for the associated Local Exchange Service as set forth in the local general services tariffs.

(N)

(N)

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 in 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.

(N)(X) (N)(X)

(X) Issued under authority of Special Permission No. 13-020.

Issued: August 12, 2013

Effective: August 27, 2013

6. <u>Switched Access Service</u>

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

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

References to Abbreviated Dialing Arrangement (ADA) are not applicable as the service is not offered.

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

When Terminating Tandem Switched Transport is provided through a Frontier Telephone ILEC access Tandem and the Terminating End Office is not owned by a Frontier Telephone ILEC Company or through an ILEC Access Tandem not owned by a Frontier Telephone ILEC Company and the Terminating End Office is owned by a Frontier Telephone ILEC Company, Terminating – Tandem 3rd Party rates are applicable, otherwise Terminating – Tandem End Office rates are applicable. When originating Tandem Switched Transport is provided, originating rates are applicable.

Example 1: Originating Switched Access (See Diagram 1)

- Feature Group D Switched Access is ordered to End Office.
- Originating End Office and Access Tandem are in the operating territory of a Telephone Company (TC-A).
- Customer Designated Premises is in the operating territory of a Telephone Company (TC-B)
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunked Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.

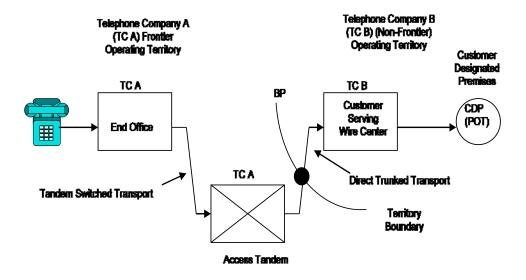
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6. <u>Switched Access Service</u> (Cont'd)

Example 1: Originating Switched Access (See Diagram 1)

- Feature Group D Switched Access is ordered to End Office.
- Originating End Office and Access Tandem are in the operating territory of a Telephone Company (TC-A).
- Customer Designated Premises is in the operating territory of a Telephone Company (TC-B)
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunked Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.
- Diagram



Issued: May 25, 2017 Effective: June 10, 2017

(N)

(N)

6. Switched Access Service (Cont'd)

Example 1: Originating Switched Access (Cont'd) (See Diagram 1)

(N)

(N)

- Telephone Company A charges are:
 - End Office charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility charge = 9,000 min. x 23 mi. x TSF rate
 - Tandem Switched Transport Termination charge = 2 terminations x 9,000 min. x TST rate
 - Tandem Switching Rate = 9,000 min. x TS rate
 - Direct Trunked Facility charge = 26 mi. x DTF rate x 40%
 - Direct Trunked Termination charge = 1 termination x DTT rate
 - Shared Multiplexing charge = 9,000 min. x SM rate

Example 2: Terminating Switched Access – Tandem 3rd Party

(See Diagram 2A and 2B)

- Feature Group D Switched Access is ordered to End Office.
- Terminating Access Tandem is owned by Frontier Telephone ILEC Companies (TC-A) and End Office is owned by a non-Frontier Telephone Company (TC -B).
- Assumptions:
 - *TC-A Direct Trunk Transport BP = 40%
 - *TC-B Direct Trunk Transport BP = 60%
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 20%
 - TC-B Tandem Switched Transport BP = 80%
 - Tandem Switched Transport mileage = 23 mi.

*Where applicable see Diagram 2A

Effective: June 10, 2017 Issued: May 25, 2017

6. <u>Switched Access Service</u> (Cont'd)

(N) Example 2: Terminating Switched Access – Tandem 3rd Party (Cont'd) (See Diagram 2A and 2B) Diagram 2A Telephone Company B Telephone Company A Telephone Company B (TC B) (Non-Frontier) (TCA) (Frontier) (TC B) (Non-Frontier) Operating Territory Operating Territory Operating Territory Customer Designated DTT TC B TC B TST Premises BP Customer CDP Serving **End Office** (POT) Wire Cente Direct Trunked Transport TCA **Tandem Switched Transport** Territory Territory Boundary Boundary Access Tandem Diagram 2B Telephone Company B Telephone Company A (TC A) (Frontier) (TC B) (Non-Frontler) Operating Territory Operating Territory Customer Designated TCA **TCB** Customer CDP Servino **End Office** (POT) Wire Center Direct Trunked Transport TCA **Tandem Switched Transport** (N) Territory

Issued: May 25, 2017 Effective: June 10, 2017

Access Tandem

Boundary

6. <u>Switched Access Service</u> (Cont'd)

(N)

Example 2: Terminating Switched Access – Tandem 3rd Party (Cont'd) (See Diagram 2A and 2B)

- Telephone Company A charges are:
 - Tandem Switched Transport Facility-3rd Party charge = 9,000 min. x 23 mi. x TSF-3rd Party rate x 20%
 - Tandem Switched Transport Termination-3rd
 Party charge = 1 termination x 9,000 min. x TST
 3rd Party rate
 - Tandem Switching–3rd Party Rate = 9,000 min. x TS-3rd Party rate
 - Direct Trunked Facility charge
 2A = 26 miles. x DTF rate x 40%
 2B = 26 miles. x DTF rate
 - Direct Trunked Termination charge
 2A = 1 termination x DTT rate
 2B = 2 termination x DTT rate
 - Shared Multiplexing 3rd Party Charge = 9,000 min. x SM-3rd Party rate

(N)

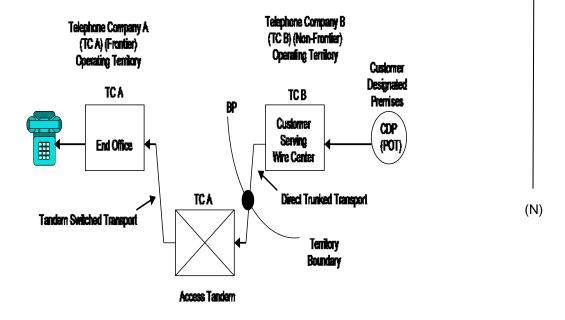
6. <u>Switched Access Service</u> (Cont'd)

(N)

Example 3: Terminating Switched Access - Tandem End Office (Cont'd) (See Diagram 3)

- Feature Group D Switched Access is ordered to End Office.
- Terminating End Office and Access Tandem are both owned by Frontier Telephone ILEC Companies (TC-A).
- Assumptions:
 - TC-A Direct Trunk Transport BP = 40%
 - TC-B Direct Trunk Transport BP = 60%
 - Direct Trunk Transport mileage = 26 mi.
 - Tandem Switched Transport mileage = 23 mi.

Diagram 3



6. <u>Switched Access Service</u> (Cont'd)

(N)

Example 3 –Terminating Switched Access Tandem End Office (Cont'd) (See Diagram 3)

- Telephone Company A charges are:
 - End Office Charges = 9,000 min. x EO rate
 - Tandem Switched Facility End Office charge = 9,000 min. x 23 mi. x TSF-End Office rate.
 - Tandem Switched Transport Termination –End Office charge
 2 terminations x 9.000 min. x TST-End Office rate.
 - Tandem Switching End Office charge
 = 9,000 min. x TS-End Office rate
 - Direct Trunked Facility Charge
 26 miles x DTF rate x 40%
 - Direct Trunked Termination charge
 1 termination x DTT rate
 - Shared Multiplexing charge = 9,000 min. x SM-End Office rate

(N)

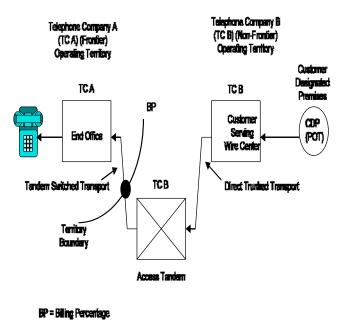
6. <u>Switched Access Service</u> (Cont'd)

(N)

(N)

Example 4: Terminating Switched Access-Tandem 3rd Party (See Diagram 4)

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone Company (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B).
- Diagram 4



6. <u>Switched Access Service</u> (Cont'd)

(N)

Example 4: Terminating Switched Access-Tandem 3rd Party (Cont'd) (See Diagram 4)

- Telephone Company A charges are:
 - End Office charges = 9,000 min x EO rate
 - Tandem Switched Facility -3rd Party charge = 9,000 min. x 23 mi. x TSF-3rd Party rate x 80%
 - Tandem Switched Termination -3rd party charge = 1 termination x 9,000 min. x TST-3rd Party rate

(N)

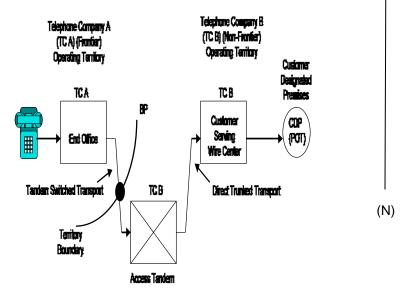
6. <u>Switched Access Service</u> (Cont'd)

(N)

Example 5: Originating Switched Access - Frontier Telephone ILEC Company owns only the End Office. (See Diagram 5)

- Feature Group D Switched Access is ordered to End Office.
- End Office is owned by Frontier Telephone Companies (TC-A).
- Access Tandem is owned by a non-Frontier Telephone ILEC Company (TC-B)
- Assumptions:
 - Direct Trunk Transport mileage = 26 mi.
 - TC-A Tandem Switched Transport BP = 80%
 - TC-B Tandem Switched Transport BP = 20%
 - Tandem Switched Transport mileage = 23 mi.

- Diagram 5



BP = 88king Percentage

6. <u>Switched Access Service</u> (Cont'd)

Example 5: Originating Switched Access - Frontier Telephone

ILEC Company owns only the End Office. (Cont'd)
(See Diagram 5)

(N)

- Telephone Company A charges are:
 - End Office charges = 9,000 min. x EO rate
 - Tandem Switched Transport Facility charge = 9,000 min. x 23 mi. x TSF rate x 80%.
 - Tandem Switched Transport Termination charge = 1 termination x 9.000 min. x TST rate.

(17

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 and Non-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" or "Non-Competitive County." The wire centers within such counties are listed in Section 7.1(C) below.

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.

The term "Non-Competitive County" denotes a geographic unit of a county or county-equivalent that failed a competitive market test specified by the FCC (excluding those that were granted Phase II, Level 2 pricing flexibility prior to June 1, 2017 and thus are defined as "Competitive Counties").

In wire centers within a Competitive County, monthly rates and nonrecurring charges for Special Access rate elements are subject to the "Competitive County Rate" which can be found in the Interstate Service Guide No. 1. In wire centers within a Non-Competitive County, monthly rates and nonrecurring charges for Special Access rate elements are subject to the "Non-Competitive County Rate" to the extent it is specified.

For Interexchange Carrier Point of Presence Channel Terminations, Channel Mileage and Optional Features and Functions, including Multiplexing, the "Competitive County Rate," if specified, applies regardless of whether the county is Competitive or Non-Competitive.

- (B) Where Competitive and Non-Competitive Rates are present the Channel Termination consists of two different rate elements: an End User Channel termination that serves the customer premises and an Interexchange Carrier (IC) Point of Presence (POP) that is collocated in a Company serving wire center. The customer will be charged for both the End User Channel Termination and the IC Channel Termination.
- * Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; (2) TDM transport charges; and (3) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(N)

(T)

Effective: November 30, 2018

Issued: November 29, 2018

- 7. Special Access Service (Cont'd)
 - 7.1 Competitive and Non-Competitive Counties (Cont'd)
 - (C) Competitive and Non-Competitive County Lists*
 - Reserved for future use

(N)

(D)

(N) (N)

^{*} Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

- 7. Special Access Service (Cont'd)
 - 7.1 Competitive and Non-Competitive Counties (Cont'd)
 - (C) Competitive and Non-Competitive County Lists* (Cont'd)
 - Reserved for future use (Cont'd)

(N)

(D)

(N) (N)

^{*} Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

(T)

ACCESS SERVICE

- 7. Special Access Service (Cont'd)
 - 7.1 Competitive and Non-Competitive Counties (Cont'd)
 - (C) Competitive and Non-Competitive County Lists* (Cont'd)

The following wire centers are in Non-Competitive Counties: (2)

County	Wire Center
Bureau	DEPUILXA
Grant	FAMTINXA
Alcorn	RINZMSXA
Chickasaw	HOLKMSXA
Lee	GNTWMSXA
Tishomingo	TSMGMSXA
Schuylkill	NRMBPAXN
Schuylkill	RGTWPAXR
Schuylkill	RUSHPAXR
Schuylkill	TWCYPAXT
Schuylkill	TRMTPAXT
Schuylkill	VLVWPAXV
Sullivan	DSHRPAXD
Sullivan	EGMRPAXE
Sullivan	ESTLPAXE
Sullivan	LAPTPAXL
Sullivan	MNVYPAXM
Tioga	BLBGPAXB
Tioga	CVTNPAXC
Tioga	LRVLPAXL
Tioga	LBTYPAXL
Tioga	MNFDPAXM
Tioga	MDCTPAXM
Tioga	MRRSPAXM
Tioga	TIOGPAXT
Tioga	WLBOPAXW
Wyoming	CTMRPAXC
Wyoming	FCTVPAXF
Wyoming	LCYVPAXL
Wyoming	LKWNPAXL
Wyoming	MHPNPAXM
Wyoming	NCSNPAXN
Wyoming	NOXNPAXN
Wyoming	TNKHPAXT
	Grant Alcorn Chickasaw Lee Tishomingo Schuylkill Sullivan Sullivan Sullivan Sullivan Tioga Tiog

^{*} Pursuant to FCC 17-43, released April 28, 2017, Frontier has detariffed (1) TDM channel terminations for wire centers in competitive counties; and (2) packet-based services. Terms and Conditions for detariffed services can be found in the Interstate Service Guide and Pricelist.

Effective: November 1, 2018

(N) (N)

(N)

Issued: October 31, 2018

8. <u>Digital Subscriber Line Access Services</u>

Digital Subscribe Line Access Services are not offered under this tariff. Accordingly, the Regulations, Terms and Conditions set forth in Section 8 of the National Exchange Carrier Association Tariff F.C.C. No. 5 do not apply.

Issued: July 17, 2012 Effective: August 1, 2012

9. <u>Directory Assistance Service</u>

Directory Assistance Service is not offered under this tariff. Accordingly, the Regulations, Terms and Conditions set forth in Section 9 of the National Exchange Carrier Association Tariff F.C.C. No. 5 do not apply.

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.

Issued: July 17, 2012 Effective: August 1, 2012

11. Special Facilities Routing of Access Services

Regulations, Terms and Conditions for Special Facilities 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.

12. Specialized Service or Arrangements

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

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.

Issued: July 17, 2012 Effective: August 1, 2012

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.

Issued: July 17, 2012 Effective: August 1, 2012

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.

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.