### Original Title Sheet 1

**TARIFF** 

OF

#### FRONTIER COMMUNICATIONS NORTHWEST INC.

P.O. Box 340 Elk Grove, CA 95759

Consisting of

### **UNBUNDLED NETWORK ELEMENTS**

Frontier Communications Northwest Inc. was formerly known as Verizon Northwest Inc. The Verizon Northwest Inc. Tariff WN U-21 has been replaced in its entirety by the Frontier Communications Northwest Inc. Tariff WN U-21.

This Schedule of Rates, Rules, and Regulations is Applicable to Unbundled Network Elements Provided in the Territory Served by the Company Within the State of Washington

By authorization of Order of the Washington Utilities and Transportation Commission, Docket No. UT-090842.

Effective: December 23, 2010

Advice No. 3308

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### **UNBUNDLED NETWORK ELEMENTS**

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#### UNBUNDLED NETWORK ELEMENTS

#### **EXPLANATION OF SYMBOLS**

(C) - To signify changed regulation

(D) - To signify discontinued rate or regulation

(I) - To signify increase

(K) - To signify that material has been transferred to another sheet in the tariff

(M) - To signify material transferred from another sheet in the tariff

(N) - To signify new rate or regulation

(O) - To signify no change (R) - To signify reduction (T) - To signify a change in text

### **EXPLANATION OF ABBREVIATIONS**

ANSI - American National Standards Institute

ASR - Access Service Request

CCITT - Consultative Committee for International Telephone and Telegraph

CDT - CLP Dedicated Transport
CLP - Competitive Local Provider
CPE - Customer Provided Equipment

DA - Directory Assistance

DSLAM - Digital Subscriber Lines Access Multiplexer

EEL - Enhanced Extended Link
EEL - Enhanced Extended Loop
FDI - Feeder Distribution Interface
IDT - Interoffice Dedicated Transport

LSR - Local Service Request
MDF - Main Distribution Frame
MPOE - Minimum Point of Entry
NACC - National Access Contact Center
NID - Network Interface Device
NOMC - National Open Market Center

OS - Operator Services

OSS - Operational Support Systems POTS - Plain Old Telephone Service

SS7 - Signaling System 7

UNE - Unbundled Network Element

UNE-P - Unbundled Network Element - Platform

WUTC - Washington Utilities and Transportation Commission

#### **UNBUNDLED NETWORK ELEMENTS**

### 1. <u>APPLICATION OF THE TARIFF</u>

Pursuant to the Washington Utilities and Transportation Commission's (WUTC) Twenty-ninth Supplemental Order Docket Nos. UT-960369, UT-960370, and UT-970371, this tariff sets forth rates for Unbundled Network Elements (UNEs) for registered Competitive Local Providers (CLPs). Unless otherwise specified in this tariff, the terms and conditions for ordering, provisioning, billing, maintenance and liabilities will be governed by the CLP Interconnection Agreements.

Unbundled Network Element rates listed under this tariff shall only be provided to properly registered CLPs who have an effective Interconnection Agreement with the Company for this state under Sections 251 and 252 of the Telecommunications Act of 1996, or have adopted such an agreement pursuant to Section 252(i) thereof.

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#### UNBUNDLED NETWORK ELEMENTS

### 2. GENERAL REGULATIONS

The general regulations, terms and conditions for the UNEs listed in this tariff will be governed under the CLP's Interconnection Agreement, subject to 47 U.S.C. 251 and 47 C.F.R. part 51. This provision does not preclude any party from negotiating different UNE terms and conditions under 47 U.S.C. 251(c) (1).

The rates for the UNEs listed in this tariff are rates that have been approved by the Commission for the listed UNEs. If, in its Interconnection Agreement, a CLP chooses to use a UNE service listed in this tariff at the tariffed rate, no additional rates for that service may be applied. However, the UNEs listed in this tariff are not inclusive of all available UNEs currently listed in each CLP's Interconnection Agreement. The Commission has not addressed rates for UNEs not appearing on the list of UNEs filed in this tariff.

The Company does not guarantee data modem speeds on Analog Loops.

In addition, the Company does not guarantee CLASS features will perform properly on Analog Loops provisioned utilizing subscriber analog carrier.

The Company will offer Operator Services (OS)/Directory Assistance Services (DA) at market-based prices and provide customized routing to a requesting CLP on a case-by-case basis.

Nonrecurring charges for space availability inquiries and field verifications for poles, ducts and conduits will be established for CLPs on a case-by-case basis per a separate pole, duct and conduit agreement.

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#### UNBUNDLED NETWORK ELEMENTS

### 2. <u>GENERAL REGULATIONS</u> (Continued)

### Certain Withdrawn Network Elements

In accordance with the Federal Communications Commission's Report and Order and Order on Remand and Further Notice of Proposed Rulemaking released on August 21, 2003 in CC Docket Nos. 01-338, 96-98, and 98-147 (the "Triennial Review Order"), and notwithstanding any other provision of this tariff, after August 27, 2004, the Company will no longer provision new orders for any of the following, whether alone or in combinations or platforms with other network elements, except as otherwise required under an interconnection agreement approved by the Washington Utilities and Transportation Commission:

ISDN PRI Digital Trunk Side Port

ISDN PRI Digital Trunk Side Port Features

Common (Shared) Transport for use with ISDN PRI Digital Trunk Side Port

Unbundled Network Element Platform (UNE-P) combinations that include ISDN PRI Digital Trunk Side Port DS1 Digital Trunk Side Port

DS1 Digital Trunk Side Port Features

Common (Shared) Transport for use with DS1 Digital Trunk Side Port

Unbundled Network Element Platform (UNE-P) combinations that include DS1 Digital Trunk Side Port

Notwithstanding any other provision of this tariff, any of the following that is in service will be replaced with alternative arrangements after August 27, 2004, except as otherwise required under an interconnection agreement approved by the Washington Utilities and Transportation Commission:

ISDN PRI Digital Trunk Side Port

ISDN PRI Digital Trunk Side Port Features

Common (Shared) Transport for use with ISDN PRI Digital Trunk Side Port

Unbundled Network Element Platform (UNE-P) combinations that include ISDN PRI Digital Trunk Side Port DS1 Digital Trunk Side Port

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DS1 Digital Trunk Side Port Features

Common (Shared) Transport for use with DS1 Digital Trunk Side Port

Unbundled Network Element Platform (UNE-P) combinations that include DS1 Digital Trunk Side Port

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#### UNBUNDLED NETWORK ELEMENTS

### 2. <u>GENERAL REGULATIONS</u> (Continued)

#### Limitations on Unbundling Obligations – Effect on Rates

The following rate changes apply in accordance with the FCC's Order on Remand issued on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the "Triennial Review Remand Order"), and are without prejudice to any objections that the Company may interpose to the provisions of that order in any appropriate proceeding. The Company reserves such objections, as well as its right to further modify this tariff based on subsequent changes in the governing law. After the transition period set forth below, these elements will no longer be available under this or any other tariff.

#### DS-1 Loops

For the 12-month transition period beginning on March 11, 2005, any DS1 loop UNE being provided as of that date, but which the Company is not obligated to unbundle pursuant to FCC rules shall be available at a rate equal to the higher of (1) 115% of the rate the requesting CLP paid for the loop element on June 15, 2004, or (2) 115% of the rate the Commission established in Docket No. UT-023003 for that loop element. Where the Company is not required to provide unbundled DS1 loops pursuant to FCC rules, requesting CLPs may not obtain new DS1 loops as unbundled network elements on or after March 11, 2005.

#### DS-3 Loops

For the 12-month transition period beginning on March 11, 2005, any DS3 loop UNE being provided as of that date, but which the Company is not obligated to unbundle pursuant to FCC rules shall be available at a rate equal to the higher of (1) 115% of the rate the requesting CLP paid for the loop element on June 15, 2004, or (2) 115% of the rate the Commission established in Docket No. UT-023003 for that loop element. Where the Company is not required to provide unbundled DS3 loops pursuant to FCC rules, requesting CLPs may not obtain new DS3 loops as unbundled network elements on or after March 11, 2005.

#### Dark Fiber Loops

For an 18-month transition period beginning on March 11, 2005, any dark fiber loop UNEs being provided as of that date shall be available at a rate equal to the higher of (1) 115% of the rate the requesting CLP paid for the loop element on June 15, 2004, or (2) 115% of the rate the Commission established in Docket No. UT-023003 for that loop element. Requesting CLPs may not obtain new dark fiber loops as unbundled network elements on or after March 11, 2005.

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#### UNBUNDLED NETWORK ELEMENTS

#### 2. GENERAL REGULATIONS (Continued)

<u>Limitations on Unbundling Obligations – Effect on Rates</u> (Continued)

#### **DS1** Dedicated Transport

For a 12-month transition period beginning on March 11, 2005, any DS1 dedicated transport UNE being provided as of that date, but which the Company is not obligated to unbundle pursuant to FCC rules, shall be available at a rate equal to the higher of (1) 115 % of the rate the requesting CLP paid for the dedicated transport element on June 15, 2004, or (2) 115 % of the rate the Commission established in Docket No. UT-023003 for that dedicated transport element. Where the Company is not required to provide unbundled DS1 transport pursuant to FCC rules, requesting CLPs may not obtain new DS1 transport as unbundled network elements on or after March 11, 2005.

#### **DS3 Dedicated Transport**

For a 12-month transition period beginning on March 11, 2005, any DS3 dedicated transport UNE being provided as of that date, but which the Company is not obligated to unbundle pursuant to FCC rules, shall be available at a rate equal to the higher of (1) 115 % of the rate the requesting CLP paid for the dedicated transport element on June 15, 2004, or (2) 115 % of the rate the Commission established in Docket No. UT-023003 for that dedicated transport element. Where the Company is not required to provide unbundled DS3 transport pursuant to FCC rules, requesting CLPs may not obtain new DS3 transport as unbundled network elements on or after March 11, 2005.

### **Dark Fiber Dedicated Transport**

For a 18-month transition period beginning on March 11, 2005, any dark fiber dedicated transport UNE being provided as of that date, but which the Company is not obligated to unbundle pursuant to FCC rules, shall be available at a rate equal to the higher of (1) 115 % of the rate the requesting CLP paid for the dedicated transport element on June 15, 2004, or (2) 115 % of the rate the Commission established in Docket No. UT-023003 for that dedicated transport element. Where the Company is not required to provide unbundled dark fiber transport pursuant to FCC rules, requesting CLPs may not obtain new dark fiber transport as unbundled network elements on or after March 11, 2005.

### Local Circuit Switching

For a 12-month transition period from March 11, 2005, the price for unbundled DS0 Local Circuit Switching in combination with unbundled DS0 capacity loops and shared transport obtained pursuant to FCC rules shall be the higher of: (A) the rate at which the requesting CLP obtained that combination of network elements on June 15, 2004 plus one dollar, or (B) the rate the Commission established in Docket No. UT-023003 for that combination of network elements, plus one dollar. Requesting CLPs may not obtain new DS0 Local Circuit Switching as an unbundled network element on or after March 11, 2005.

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#### UNBUNDLED NETWORK ELEMENTS

### 2. <u>CONDITIONS</u>

#### 3.1 General

The CLP must purchase a Port to access the Common/Shared Transport.

Local Switching usage rates apply whenever a port is purchased. Local Switching cannot be purchased without a port.

### 3.2. <u>Line Share Arrangement Eligibility</u>

In order for a loop to be eligible for a Line Share Arrangement the following conditions must be met:

- the analog voice-grade Plain Old Telephone Service (POTS) service and the dial tone must originate from a Company End Office Switch in the wire center where the Line Share Arrangement is being requested
- the xDSL technology deployed by the CLP does not interfere with the analog voice band transmission

The CLP is responsible for providing the splitter, its own Digital Subscriber Line Access Multiplexer (DSLAM) equipment in a collocation arrangement, and any necessary Customer Provided Equipment (CPE) for the data service provided.

Loops not used for traditional analog voice band service can not be shared.

The DSL technology used for Line Share Arrangements must be within the Power Spectrum Density (PSD) mask parameters set forth in ANSI T1E1.413, T1.419 and TR59 and those set forth in applicable Company Technical References. Such technologies currently include ADSL, RADSL, MVL and G.Lite. MVL (a proprietary technology) must meet the following criteria: In the band from 0 to 4 kHz, the transmit PSD shall be no greater than --7.5 dBm/Hz. The aggregate power in the 0 to 4 kHz band, measured in 600 ohms shall not exceed +15 dBrn.

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### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u>

#### **Call Related Databases**

Call-related databases are defined as databases, other than operations support systems, that are used in signaling networks for billing and collection, or the transmission, routing, or other provision of a telecommunications service. Call-related databases include but are not limited to, the Calling Name Database, Line Information Database, Toll Free Calling Database, Advanced Intelligent Network Databases, and local number portability databases.

### **CLP Dedicated Transport (CDT)**

CLP Dedicated Transport (CDT) offers the CLP the exclusive use of a point-to-point transmission path between the serving wire center of the CLP's switch location and the CLP's switch location.

### Dark Fiber

Dark Fiber provides a CLP with two unlit fiber optic strands within an existing, in-place Company fiber optic cable sheath solely for use in the provision of telecommunications services.

#### Dark Fiber Interoffice Dedicated Transport (IDT)

Consists of fiber strand (s) that are located within a fiber optic cable between either (a) accessible terminals in two or more Company Central Offices or (b) an accessible terminal in a Company Central Office and an accessible terminal in a CLP Central Office, but, in either case, that has not been activated through connection to multiplexing, aggregation or other electronics that "light" it and thereby render it capable of carrying telecommunications services.

#### Dark Fiber Loop

Consists of fiber optic strand (s) in a Company fiber optic cable between the Company's accessible terminal, such as the fiber distribution frame, or its functional equivalent, located within a Company Wire Center and the Company's accessible terminal located in the Company's main termination point at a Customer premises, such as a fiber patch panel, and that has not been activated through connection to multiplexing, aggregation or other electronics that "light" it and thereby render it capable of carrying telecommunications services.

## Dark Fiber Subloop Distribution

Consists of fiber optic strand(s) in a Company fiber optic cable between the Company's accessible terminal at a Company remote terminal equipment enclosure and the Company's accessible terminal located in the Company's main termination point located within a Customer premises that has not been activated through connection to multiplexing, aggregation or other electronics that "light" it and thereby render it capable of carrying telecommunications services.

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### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u> (Continued)

#### Dark Fiber Subloop Feeder

Consists of fiber optic strand(s) in a Company fiber optic cable (a) between the Company's accessible terminal located within a Company Wire Center and the Company's accessible terminal at a Company remote terminal equipment enclosure or (b) between the Company's accessible terminals at Company remote terminal equipment enclosures and, that in both cases, has not been activated through connection to multiplexing, aggregation or other electronics that "light" it and thereby render it capable of carrying telecommunications services.

### DS-1 Loop

DS-1 Loop provides a digital transmission channel suitable for the transport of 1.544 Mbps digital signals. The DS-1 Loop includes the electronics necessary to provide the DS-1 transmission rate. A DS-1 Loop will be provided only where the electronics necessary to provide the DS-1 transmission rate are at the requested installation date currently available for the DS-1 Loop. The Company will not install new electronics or build new facilities.

#### DS-3 Loop

DS-3 Loop will support the transmission of isochronous bipolar serial data at a rate of 44.736 Mbps or the equivalent of 28 DS-1 channels. The DS-3 Loop includes the electronics necessary to provide the DS-3 transmission rate. A DS-3 Loop will be provided only where the electronics necessary to provide DS-3 transmission rate are at the requested installation date currently available for the requested DS-3 Loop. The Company will not install new electronics or build new facilities.

#### **Enhanced Extended Link**

Enhanced Extended Link (EEL) is a combination of unbundled loops, unbundled dedicated transport, and includes multiplexing where required.

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#### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u> (Continued)

#### 4-Wire Analog Loop

A 4-Wire Analog Loop is a voice grade transmission facility that is suitable for the transport of analog voice signals between approximately 300 Hz to 3000 Hz, with line loss levels not to exceed 8.5 db. A 4-Wire Analog Loop may include load coils and bridge tap, as well as carrier derived facility components such as pair gain applications and loop concentrator/multiplexers.

### Interim Local Number Portability (ILNP)

ILNP is an interim service arrangement provided by the Company to Customers whereby an end user, who switches subscription to local exchange service from the Company to a Competitive Local Provider (CLP) (Customer), is permitted to retain for his use the existing Company telephone number provided that the end user remains at the same location. ILNP is provided using the remote call forwarding capabilities of the switch, where currently available. ILNP is not available in exchanges where permanent Local Number Portability has been implemented.

#### Interoffice Dedicated Transport (IDT)

Interoffice Dedicated Transport (IDT) offers the Competitive Local Provider (CLP) exclusive use of a point-to-point transmission path between the CLP's collocation arrangements in Company central offices within the same LATA.

#### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u> (Continued)

### Intra-Building House and Riser Cable

A two-wire metallic distribution facility in the Company's network between the minimum point of entry for a building where a premises of a Customer is located (such a point, an MPOE) and the Rate Demarcation Point for such facility (or NID) if the NID is located at such Rate Demarcation Point.

### Line Sharing

Line sharing allows a separate high-speed data channel on an existing copper pair to be made available to the CLP. This single line (a shared loop), with the use of a splitter, simultaneously supports two different service providers, one for analog voice-grade POTS service and one for data communications.

#### Local Loop

The Local Loop Unbundled Network Element (UNE) is defined as the transmission facility (or channel or groups of channels on such facility) that extends from a Main Distribution Frame (MDF), or its equivalent, in the Company Central Office Switch or Wire Center up to and including the loop "demarcation point," including inside wire owned by the Company.

### **Local Switching**

Local Switching provides the basic switching functions to originate, route and terminate traffic and any signaling deployed in the switch.

#### Loop Conditioning

Loop conditioning is the removal of load coils and any unnecessary filters and/or bridge tap that may exist on a local loop.

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#### UNBUNDLED NETWORK ELEMENTS

#### 4. DEFINITIONS (Continued)

#### Network Interface Device<sup>1</sup>

The Network Interface Device <sup>1</sup> (NID) provides the point of demarcation between the inside wiring of the end user and the Loop transmission elements. The NID is a single-line termination device, or that portion of a multiple-line termination device, required to terminate a single line or circuit. The NID provides a protective ground connection and is capable of terminating twisted copper pair facilities. The function of the NID is to establish the demarcation point between a telecommunications provider and its end user customer.

#### **Port**

The port provides for the interconnection of individual loops or trunks to the switching components of the Company's network. In general, it is a line card or trunk card and associated peripheral equipment on the Company's end office switch that serves as the hardware termination for the end user's network address on that switch and provides the end user access to the public switched telecommunications network. Each port is typically associated with one (or more) telephone number(s), which serve as the end users network address. The port charge does not include vertical features requested by the customer, but allows the customer to access such features. Separate rates for vertical features may apply. Each port shall also include a single basic white page listing in the Company Directory for each residential Customer, and/or a white and yellow page listing for each business Customer. A port is a measured service, and applicable usage and shared transport rates will apply.

#### Service Control Point (SCP)

A Service Control Point (SCP) is a remote database within the System Signaling 7 (SS7) network. The SCP supplies the translation and routing data needed to deliver advanced network services.

#### Shared Transport – Termination

The shared transport UNE is defined as interoffice transmission facilities shared by more than one carrier, including the Company, between end office switches, between end office switches and tandem switches; and between tandem switches, in the Company's network. Shared transport (also known as common transport) provides the shared use of interoffice trunk groups and tandem switching that is used to transport switched traffic, originating or terminating on a Company port, between central office switching entities. Shared transport will include tandem switching if the Company's standard network configuration includes tandem routing for traffic between these points. Shared transport is provided automatically in conjunction with port and local circuit switching. The Company reserves the right not to provide circuit switching and shared transport as a UNE under the circumstances described in 47 CFR § 51.319(d)(3)(ii).

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The cost for the NID only applies when the NID is purchased separately from the loop. The price of an analog loop also includes the cost of the NID.

#### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u> (Continued)

### Signaling System 7 (SS7)

The common channel out-of-band signaling protocol developed by the Consultative Committee for International Telephone and Telegraph (CCITT) and the American National Standards Institute (ANSI). This protocol is currently used by the Company for all of its out-of-band signaling requirements.

#### Sub-Loop Distribution

Sub-Loop Distribution is a transmission path that extends from the Feeder Distribution Interface (FDI), or its functional equivalent, at a Company cross-connect box, to an end user user customer premise. The NID at the end-user customer premise is included with this sub-loop element. Unbundled sub-loop distribution can be configured as either:

### 2-Wire Distribution

2-Wire Distribution is a 2-wire transmission path that may include load coils, bridge taps, etc. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).

#### 4-Wire Distribution

A 4-Wire Distribution is a 4-wire transmission path that may include load coils, bridge taps, etc. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).

#### Sub-Loop Drop

Sub-Loop Drop extends from a terminal, such as on a pole or a pedestal to the end-user's premise. Unbundled drop can be configured as either:

#### 2-Wire Drop

2-Wire Drop provides access to the Company's copper drop pairs /facilities at the Company drop terminal.

#### 4-Wire Drop

4-Wire Drop provides access to the Company's copper drop pairs /facilities at the Company drop terminal.

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#### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u> (Continued)

### Sub-Loop Feeder

Sub-Loop Feeder is a transmission path that extends from the MDF located in a Company Central Office to the Feeder Distribution Interface (FDI), or its functional equivalent, at a Company cross-connect box. Unbundled sub-loop feeder can be configured as:

#### 2-Wire Feeder

2-Wire Feeder is a 2-wire transmission path that may include load coils, bridge taps, etc. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).

### 4-Wire Feeder

4-Wire Feeder is a 4-wire transmission path that may include load coils, bridge taps, etc. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).

#### 2-Wire Analog Loop

A 2-Wire Analog Loop is a voice grade transmission facility that is suitable for transporting analog voice signals between approximately 300-3000 Hz, with loss not to exceed 8.5db. A 2-Wire Analog Loop may include load coils, bridge taps, etc. This facility also may include carrier derived facility components (i.e., pair gain applications, loop concentrator/multiplexers). This type of unbundled loop is commonly used for local dial tone services.

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#### UNBUNDLED NETWORK ELEMENTS

### 4. <u>DEFINITIONS</u> (Continued)

### Tandem Switching (Usage)

Tandem usage is recorded for the purpose of unbundled element billing for usage traversing the Company tandem switch.

#### Unbundled Network Element-Platform (UNE-P) Combinations

Loop and port combinations previously utilized by the Company to provide local exchange and associated switched exchange access services will be made available as UNE-P combinations under the rates and charges of this tariff. A UNE-P combination, as offered under this tariff, consists of the combination of the following UNEs:

- Unbundled Local Loop <sup>1</sup> which is connected to unbundled local switching.
- Unbundled Local Switching <sup>1</sup> which provides access to the following UNEs:
  - Unbundled Port <sup>1</sup> and Common (Shared) Transport <sup>1</sup>
  - Signaling Systems <sup>1</sup> and Call Related Databases <sup>1</sup>

There is no collocation requirement to access local loop and local switch port UNE-P combinations.

### Wire Center

The term "Wire Center" denotes a location in which one or more central office switches, and cross-connection equipment used for the provision of the Company telecommunications services, are located.

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Per definition in Section 4 of this Tariff.

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## UNBUNDLED NETWORK ELEMENTS

Local Loops	Monthly <u>Rate</u>
2-Wire (Analog and xDSL), Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$ 13.14 24.86 50.02 112.83 267.26
2-Wire Digital-ISDN-BRI, Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$23.25 42.44 87.45 228.49 699.61
2-Wire Customer Specific Signaling Loop, Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$17.30 28.30 51.21 121.19 313.05

### **UNBUNDLED NETWORK ELEMENTS**

5.	RATES
J.	INAILS

<u>Local Loops</u>	Monthly <u>Rate</u>
4-Wire Analog Voice Grade, Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$42.85 64.85 110.67 250.63 634.35
4-Wire Digital (56KD-64KD) Loop, Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$47.90 69.90 115.71 255.68 639.39
4-Wire (Customer Specified Signaling Loop and HDSL Loop), Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$42.85 64.85 110.67 250.63 634.35
DS1 Loop, Per Loop	
Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	\$102.16 139.56 239.35 339.26 239.93

### **UNBUNDLED NETWORK ELEMENTS**

5.	RATES (Continued)		
	Local Loops (Continued)	Monthly <u>Rate</u>	
	DS3 Loop, Per Loop	\$749.84	
	Supplemental Features		
	ISDN-BRI Loop Extender (Digital)	14.95	
	Subloops		
	2-Wire Distribution <sup>1</sup>		
	Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	7.90 14.71 25.09 45.06 70.66	
	2-Wire Drop, Per Line		
	Zone 1 Zone 2 Zone 3 Zone 4 Zone 5	1.38 2.57 3.45 4.53 6.60	

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When a 2-Wire or 4-Wire Distribution Subloop is purchased, the 2-Wire or 4-Wire Drop, Per Line monthly rate is not applicable.

Zone 5

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### **UNBUNDLED NETWORK ELEMENTS**

5.	RATES (Continued)	
	Subloops (Continued)	Monthly <u>Rate</u>
	4-Wire Distribution <sup>1</sup>	
	Zone 1 Zone 2 Zone 3 Zone 4 Zone 5  4-Wire Drop, Per Line	16.39 27.38 42.78 82.36 125.51
	Zone 1 Zone 2 Zone 3 Zone 4	2.77 5.14 6.89 9.05

13.21

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When a 2-Wire or 4-Wire Distribution Subloop is purchased, the 2-Wire or 4-Wire Drop, Per Line monthly rate is not applicable.

### **UNBUNDLED NETWORK ELEMENTS**

5.	RATES (Continued)	Monthly <u>Rate</u>
	Network Interface Device (NID) <sup>1</sup> NID to NID Connection-2-Wire, per NID NID to NID Connection-4-Wire, per NID Standalone NID-DS1, per NID	\$0.81 1.61 0.88
	Intra-Building House & Riser Cable	
	House and Riser Cable-Building Access, per pair House and Riser Cable-Floor Access, per pair	0.47 0.47
	Reciprocal Compensation  Reciprocal Compensation - Meet Point A - Traffic Delivered at End Office (Per MOU)  Reciprocal Compensation - Meet Point B - Traffic Delivered at Tandem (Per MOU)	0.000858 0.002832

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The cost for the NID only applies when the NID is purchased separately from the loop. The price of a loop also includes the cost of the NID.

#### **UNBUNDLED NETWORK ELEMENTS**

### 5. <u>RATES</u> (Continued)

LOCAL SERVICES – SEMI-MECHANIZED ORDERING	Nonrecurring <u>Charge</u>
Service Order Charges1:	
Engineered, Initial Service – Unbundled Loops	\$208.37
Non-Engineered, Initial Service – Unbundled Loops	7.33
Engineered, Initial Service – Unbundled NIDs	10.95
Non-Engineered, Initial Service – Unbundled NIDs	10.19
Engineered, Initial Service – Unbundled Intra-Building House & Riser Cable	10.95
Non-Engineered, Initial Service – Unbundled Intra-Building House & Riser Cable	10.19
<u>Changeover Unbundled Loops Service Order Charges</u> 1,2	
Advanced – Basic (As Is)	19.90
DSO – (As Is)	19.90
DS1/DS3 (As Is)	22.93
Service Connection Charges:	
Central Office Connect, per loop	13.61
Outside Facility Connect – Unbundled Loops <sup>3</sup>	88.06
Outside Facility Connect – Unbundled NIDs <sup>3</sup>	42.96
Outside Facility Connect – Unbundled Intra-Building House & Riser Cable <sup>3</sup>	42.96
<u>Changeover Unbundled Loops – Service Connection Charges</u> <sup>2</sup>	
Advanced – Basic (As Is)	26.54
DSO – (As Is)	26.54
DS1/DS3 (As Is)	26.54

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In addition to the Service Order Charges, Operational Support Systems (OSS) charges in this Section following apply on a per Local Service Request (LSR) and Access Service Request (ASR) basis. In addition to the Service Order Charges, the National Open Market Center (NOMC) charges in this Section following apply on a LSR basis.

<sup>&</sup>lt;sup>2</sup> Conversion from special access or private line circuits to unbundled loop.

<sup>&</sup>lt;sup>3</sup> Per order when outside facility work is required.

#### **UNBUNDLED NETWORK ELEMENTS**

### 5. RATES (Continued)

LOCAL SERVICES – MANUAL ORDERING	Nonrecurring Charge	
Service Order Charges <sup>1</sup> :		
Engineered, Initial Service – Unbundled Loops Non-Engineered, Initial Service – Unbundled Loops	220.77 22.07	
Engineered, Initial Service – Unbundled NIDs Non-Engineered, Initial Service – Unbundled NIDs Engineered, Initial Service – Unbundled Intra-Building House & Riser Cable Non-Engineered, Initial Service – Unbundled Intra-Building House & Riser Cable	23.35 22.44 23.35 22.44	
Changeover Unbundled Loops – Service Order Charges 1,2		
Advanced – Basic (As Is) DSO – (As Is) DS1/DS3 (As Is)	53.77 53.77 56.80	
Service Connection Charges:		
Central Office Connect, per loop Outside Facility Connect – Unbundled Loops <sup>3</sup> Outside Facility Connect – Unbundled NIDs <sup>3</sup> Outside Facility Connect – Unbundled Intra-Building House & Riser Cable <sup>3</sup>	13.61 88.06 42.96 42.96	
<u>Changeover Unbundled Loops – Service Connection Charges</u> <sup>2</sup>		
Advanced – Basic (As Is) DSO – (As Is) DS1/DS3 (As Is)	26.54 26.54 26.54	

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In addition to the Service Order Charges, Operational Support Systems (OSS) charges in this Section following apply on a per Local Service Request (LSR) and Access Service Request (ASR) basis. In addition to the Service Order Charges, the National Open Market Center (NOMC) charges in this Section following apply on a LSR basis.

<sup>&</sup>lt;sup>2</sup> Conversion from special access or private line circuits to unbundled loop.

Per order when outside facility work is required.

### **UNBUNDLED NETWORK ELEMENTS**

## 5. <u>RATES</u> (Continued)

DISCONNECT SERVICE ORDER CHARGES	Nonrecurring <u>Charges</u>
Engineered, Disconnect Service - Unbundled Loops Non-Engineered, Disconnect Service - Unbundled Loops	\$80.19 5.60
MISCELLANEOUS CHARGES1:	
Expedite Charge:	
Advanced Products, Initial Service or Subsequent Service Exchange Products, Initial Service or Subsequent Service National Access Contact Center (NACC) – Dedicated Transport	33.72 3.36 56.37
Coordinated Conversion Charge:	
Engineered, Initial Service, per order Non-Engineered, Initial Service, per order Central Office Connect, per order Outside Facility Connect, per order	16.81 16.81 10.71 9.59
Hot-Cut Coordinated Conversion Charge – Flat: Engineered, Initial Service, per order Non-Engineered, Initial Service, per order Central Office Connect, per order Outside Facility Connect, per order	\$28.94 28.94 42.83 38.34
Hot-Cut Coordinated Conversion Charge – Per Qtr. Hour: Engineered, Initial Service, per order Non-Engineered, Initial Service, per order Central Office Connect, per order Outside Facility Connect, per order	6.07 6.07 10.71 9.59
Customer Record Search, per account Account Establishment, per CLP, per State	4.21 166.32

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<sup>&</sup>lt;sup>1</sup> Miscellaneous Wholesale charges listed above apply to both electronic and manual orders.

#### UNBUNDLED NETWORK ELEMENTS

### 5. RATES (Continued)

### **DEDICATED TRANSPORT**

### INTEROFFICE DEDICATED TRANSPORT

	Nonrecurr	ing Charges
Service Order Charges	<u>Manual</u>	Semi- <u>Mechanized</u>
Advanced – Basic (2-Wire & 4-Wire), Initial <sup>1</sup> Advanced – Basic (2-Wire & 4-Wire), Subsequent <sup>1</sup> Advanced – Basic (2-Wire & 4-Wire), Disconnect Advanced – Complex (DS1 and above), Initial <sup>1</sup> Advanced – Complex (DS1 and above), Subsequent <sup>1</sup> Advanced – Complex (DS1 and above), Disconnect	\$33.01 28.72 23.90 35.65 28.72 24.30	\$15.27 10.98 7.77 17.91 10.98 8.17
Service Connection Charges <sup>2</sup>	Initial <u>Unit</u>	Additional <u>Unit</u>
Advanced – Basic (2-Wire & 4-Wire), Initial Advanced – Basic (2-Wire & 4-Wire), Subsequent Advanced – Basic (2-Wire & 4-Wire), Disconnect Advanced – Complex (DS1 and above), Initial Advanced – Complex (DS1 and above), Subsequent Advanced – Complex (DS1 and above), Disconnect DS3 to DS1 Multiplexing	\$326.39 54.34 111.97 406.59 70.48 178.22 159.22	    

In addition to the Service Order Charges, Operational Support Systems (OSS) charges in this Section following apply on a per Local Service Request (LSR) and Access Service Request (ASR) basis. In addition to the Service Order Charges, the National Open Market Center (NOMC) charges in this Section following apply on a LSR basis.

<sup>&</sup>lt;sup>2</sup> Rates apply on a per-order basis.

### **UNBUNDLED NETWORK ELEMENTS**

## 5. <u>RATES</u> (Continued)

## **DEDICATED TRANSPORT** (Continued)

# INTEROFFICE DEDICATED TRANSPORT

INTEROFFICE DEDICATED TRANSPORT	Monthly <u>Charge</u>
DSO Transport Facility, Per Airline Mile DSO Transport, Per Termination DS1 Transport Facility, Per Airline Mile DS1 Transport, Per Termination DS3 Transport, Per Termination	\$0.13 15.86 3.13 19.70 16.80 118.34
Multiplexing	
DS1 to Voice Multiplexing DS3 to DS1 Multiplexing	315.89 651.14

#### **UNBUNDLED NETWORK ELEMENTS**

## 5. <u>RATES</u> (Continued)

### ENHANCED EXTENDED LOOPS (EELS)

ENTERNOLD EXTERNOLD EGGT 5 (ELLS)	Nonrecu	rring Charges
Service Order Charges	<u>Manual</u>	Semi- <u>Mechanized</u>
Advanced – Basic (2-wire & 4-wire), Initial <sup>1</sup> Advanced – Basic (2-wire & 4-wire), Subsequent <sup>1</sup> Advanced – Basic (2-wire & 4-wire), Changeover (As Is) <sup>1,2</sup> Advanced – Basic (2-wire & 4-wire), Disconnect DSO, Initial <sup>1</sup> DSO, Subsequent <sup>1</sup> DSO, Changeover (As Is) <sup>1,2</sup> DSO, Disconnect DS1/DS3, Initial <sup>1</sup> DS1,DS3, Subsequent <sup>1</sup> DS1/DS3, Changeover (As Is) <sup>1,2</sup> DS1/DS3, Disconnect	\$33.01 28.72 53.77 23.90 33.01 28.72 53.77 23.90 35.65 28.72 56.80 24.30	15.27 10.98 19.90 7.77 15.27 10.98 19.90 7.77 17.91 10.98 22.93 8.17
Service Connection Charges <sup>3</sup>	Initial <u>Unit</u>	Additional <u>Unit</u>
Advanced – Basic (2-wire & 4-wire), Initial Advanced – Basic (2-wire & 4-wire), Subsequent Advanced – Basic (2-wire & 4-wire), Changeover (As Is) <sup>2</sup> Advanced – Basic (2-wire & 4-wire), Disconnect DSO, Initial DSO, Subsequent DSO, Changeover (As Is) <sup>2</sup> DSO, Disconnect DS1/DS3, Initial DS1/DS3, Subsequent DS1/DS3, Changeover (As Is) <sup>2</sup> DS1/DS3, Disconnect	\$284.28 39.95 26.54 137.19 360.32 27.55 26.54 124.97 351.03 60.64 26.54 139.23	       

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In addition to the Service Order Charges, Operational Support Systems (OSS) charges in this Section following apply on a per Local Service Request (LSR) and Access Service Request (ASR) basis. In addition to the Service Order Charges, the National Open Market Center (NOMC) charges in this Section following apply on a LSR basis.

<sup>&</sup>lt;sup>2</sup> Conversion from special access or private line circuits to EELS or Dedicated Transport.

Rates apply on a per-order basis.

#### UNBUNDLED NETWORK ELEMENTS

## 5. RATES (Continued)

## **ENHANCED EXTENDED LINKS (EELS)**

Rates are developed by combining the following elements as appropriate. See individual rates elsewhere in this Section.

Loops Multiplexing Dedicated Transport

<u>Testing</u>	
2 Wire Analog Test Charge	\$0.03
2 Wire Digital Test Charge	0.03
4 Wire Analog Test Charge	0.07
DS1 (1.544 mbps) Test Charge	0.08
Digital 4 Wire (56 or 64 kbps) Test Charge	0.07
ISDN EEL Transport	
2 Wire ISDN - Fixed includes one end only	15.16
2 Wire ISDN - Per Mile	0.39

### **LOOP CONDITIONING**

	Nonrecurring Charges	
Service Connection Charges	Initial <u>Unit</u>	Additional <u>Unit</u>
Exchange – Bridged Tap Removal, One Occurrence	\$194.38	
Exchange – Bridged Tap Removal, Multiple Occurrences	391.68	
Exchange – Load Coil Removal Only	391.68	
Exchange – Bridged Tap (One) and Load Coil	506.77	
Exchange – Bridged Tap (Multiple) and Load Coil	704.08	

#### UNBUNDLED NETWORK ELEMENTS

### 5. RATES (Continued)

## **UNBUNDLED DARK FIBER TRANSPORT**

OND ON THE PROPERTY OF THE PRO	<u>Nonrecurr</u>	ing Charges
Service Order Charges	<u>Manual</u>	Semi- <u>Mechanized</u>
Advanced – Service Inquiry Charge <sup>1</sup> Advanced – Interoffice Dedicated Transport , Initial <sup>1</sup> Advanced – Interoffice Dedicated Transport , Disconnect	\$415.12 18.26 7.61	\$413.51 16.65 7.61
Service Connection Charges <sup>2</sup>	Initial <u>Unit</u>	Additional <u>Unit</u>
Advanced – Interoffice Dedicated Transport , Initial Advanced – Interoffice Dedicated Transport , Disconnect	\$87.78 87.78	 
		Monthly <u>Charge</u>
Dark Fiber Interoffice Dedicated Transport		
Dark Fiber - IOF - Frontier CO to Frontier CO - Serving Wire Center Chrg/I Dark Fiber - IOF - Frontier CO to Frontier CO - Interoffice Mileage Per Pair Dark Fiber - IOF – Frontier CO to Frontier CO - Intermediate Office		7.05 120.06 14.09

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In addition to the Service Order Charges, Operational Support Systems (OSS) charges in this Section following apply on a per Local Service Request (LSR) and Access Service Request (ASR) basis. In addition to the Service Order Charges, the National Open Market Center (NOMC) charges in this Section following apply on a LSR basis.

<sup>&</sup>lt;sup>2</sup> Rates apply on a per-order basis.

## **UNBUNDLED NETWORK ELEMENTS**

### 5. <u>RATES</u> (Continued)

## **UNBUNDLED SUBLOOP**

	Nonrecurr Nonrecurr	ing Charges
Service Order Charges	<u>Manual</u>	Semi- <u>Mechanized</u>
Exchange – Distribution Interconnection, Initial <sup>1</sup> Exchange – Distribution Interconnection, Subsequent <sup>1</sup> Exchange – Distribution Interconnection, Disconnect Exchange – Serving Terminal Interconnection, Initial <sup>1</sup> Exchange – Serving Terminal Interconnection, Subsequent <sup>1</sup> Exchange – Serving Terminal Interconnection, Disconnection	33.46 26.13 23.71 33.46 26.13	14.47 7.14 7.53 14.47 7.14
Exchange – Serving Terminal Interconnection, Disconnect  Service Connection Charges <sup>2</sup>	23.71 Initial <u>Unit</u>	7.53 Additional Unit
Exchange – Distribution Interconnection, Initial Exchange – Distribution Interconnection, Subsequent Exchange – Distribution Interconnection, Disconnect Exchange – Serving Terminal Interconnection, Initial Exchange – Serving Terminal Interconnection, Subsequent Exchange – Serving Terminal Interconnection, Disconnect	49.72 22.62 23.65 21.69 17.81 17.81	37.28 10.18 11.21 13.01 9.13 9.13

In addition to the Service Order Charges, Operational Support Systems (OSS) charges in this Section following apply on a per Local Service Request (LSR) and Access Service Request (ASR) basis. In addition to the Service Order Charges, the National Open Market Center (NOMC) charges in this Section following apply on a LSR basis.

<sup>&</sup>lt;sup>2</sup> Rates apply on a per-order basis.

#### **UNBUNDLED NETWORK ELEMENTS**

## 5. <u>RATES</u> (Continued)

**LINE SHARING** (Continued)

## OPERATIONAL SUPPORT SYSTEMS (OSS) CHARGES:1

OPERATIONAL SUPPORT SYSTEMS (USS) CHARGES:	Nonrecurring Charges _
OSS Transition Charge, per Local Service Request (LSR)/Access Service Request (ASR) OSS Transaction Charge, per Local Service Request (LSR)/Access Service Request (ASR)	\$3.27 3.76
NATIONAL OPEN MARKET CENTER (NOMC) CHARGE:1	
NOMC Shared/Fixed Charge, per Local Service Request (LSR)	4.40
	Monthly <u>Rate</u>
<u>E911</u>	
E911 Database - ALI Gateway, Per Month	\$23.10

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Service Order Charges for Manual and Semi-Mechanized Ordering, CLP-Owned Splitter in Virtual, CLP Collocation Space and Company-Owned Splitter apply in addition to Operational Support Systems (OSS) and National Open Market Center (NOMC) Charges.

#### UNBUNDLED NETWORK ELEMENTS

### 6. <u>WIRE CENTERS GROUPED BY ZONE</u>

CLLI Wire Center

#### Zone 1

ANCRWAXX Anacortes
BLANWAXB Blaine
BOTHWAXB Bothell
BURLWAXA Burlington
CLVWWAXA Clearview

EVRTWAXC Everett Casino & Primary Center

EVRTWAXF Everett Main HLLKWAXX Halls Lake JUNTWAXA Juanita

KNWCWAXA Kennewick-Highlands KNWCWAXB Kennewick-Main

Kirkland KRLDWAXX Lake Stevens **LKSTWAXA** Monroe MONRWAXX Manor Way **MRWYWAXA** Mount Vernon MTVRWAXX Marysville **MYVIWAXX** Oak Harbor **OKHRWAXX** Richmond Beach **RCBHWAXX** North Richland **RCLDWAXA** Richland **RCLDWAXB** Redmond **RDMDWAXA** Silver Lake SLLKWAXA Sammamish **SMSHWAXA** Snohomish **SNHSWAXX** Wenatchee WNTCWAXX

Westport

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**WSPTWAXA** 

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#### UNBUNDLED NETWORK ELEMENTS

#### 6. WIRE CENTERS GROUPED BY ZONE (Continued)

Wire Center **CLLI** 

#### Zone 2

Arlington **ARTNWAXX** Big Lake **BGLKWAXX** Birch Bay **BRBAWAXA** Camas CAMSWAXX Camano Island **CMISWAXA** Conway **CNWYWAXX** Coupeville CPVLWAXX Cashmere **CSHRWAXX CSTRWAXA** Custer Duvall **DVLLWAXX** Everson **EVSNWAXX** 

East Wenatchee **EWNCWAXA** 

Ferndale FNDLWAXA Granite Falls **GRFLWAXX** Grayland **GRLDWAXX** 

Kennewick-Meadow Springs **KNWCWAXC** 

La Conner LACNWAXX Laurel LARLWAXX Lake Goodwin **LKGWWAXA** Lynden LYNDWAXX **Naches NCHSWAXX** Pullman **PLMNWAXX** Stanwood STWDWAXX Sultan SULTWAXX Sedro Woolley **SWLYWAXA** 

Woodland **WDLDWAXA** West Richland WRLDWAXA Washougal **WSHGWAXA** 

#### **UNBUNDLED NETWORK ELEMENTS**

### 6. <u>WIRE CENTERS GROUPED BY ZONE</u> (Continued)

CLLI	Wire Center

#### Zone 3

Acme **ACMEWAXA** Alger **ALGRWAXX** Benton City **BNCYWAXX** Bridgeport **BRPTWAXX** Chelan **CHLNWAXX** Concrete **CNCRWAXX Deming DMNGWAXA** Darrington DRTNWAXX **EDSNWAXX** Edison Lyman **HMTNWAXA** 

LKWNWAXA Lake Wenatchee
LVWOWAXX Leavenworth
MNSNWAXA Manson
MPFLWAXA Maple Falls
MRBLWAXX Marblemount

Nile **NILEWAXX** Newport **NWPTWAXX** Palouse PALSWAXX Quincy **QNCYWAXX** Republic **RPBLWAXA** Skykomish SKYKWAXX Soap Lake **SOLKWAXX** Stevens Pass **STPSWAXA** Sumas **SUMSWAXX** 

WSRVWAXA Washougal River

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### **UNBUNDLED NETWORK ELEMENTS**

### 6. WIRE CENTERS GROUPED BY ZONE (Continued)

CLLI Wire Center

#### Zone 4

Brewster **BRWSWAXA** Curlew **CRLWWAXA** Entiat **ENTTWAXX** Fairfield **FRFDWAXA** Farmington **FRTNWAXX** George **GERGWAXX GRFDWAXX** Garfield Latah LATHWAXA Loomis LOMSWAXA Malden **MLDNWAXA** Molson-Chesaw

MLSNWAXA Molson-Chesa
MNFDWAXX Mansfield
OKDLWAXX Oakesdale
RCFRWAXB Rockford
ROSLWAXA Rosalia
TEKOWAXX Tekoa
TNSKWAXA Tonasket
WTVLWAXA Waterville

Zone 5

THTNWAXA Thornton

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