Northwest Fiber, LLC

Acquisition of Frontier Northwest Four States

Carrier Forum
January 22, 2020
Agenda

- Introduction
- Northwest Fiber, LLC
- Frontier Transitional Services
- Ordering
- Data Feeds
- Trouble Administration
- Billing
- PS-ALI (9-1-1)
Northwest Fiber, LLC has reached an agreement to acquire Frontier's incumbent local exchange carrier (ILEC) entities that provide services to residential, commercial and wholesale customers in Idaho, Montana, Oregon and Washington. Specifically, these entities include Citizens Telecommunications Company of Idaho, Citizens Telecommunications Company of Montana, Citizens Telecommunications Company Oregon, and Frontier Communications Northwest Inc in Idaho, Oregon and Washington.

Subject to regulatory approval, the transaction is expected to close at the end of the first quarter of 2020.
Northwest Fiber, LLC

Backed by industry leading private firms WaveDivision Capital and Searchlight Capital, Northwest Fiber is the legal entity acquiring four ILECs from Frontier.

Northwest Fiber will be going to market with a different brand name which will be announced soon.

- Approximately 1,200 Employees on Day One (1,000 Transferring from FTR)
- Based in Kirkland, Washington
- Operating in Four States (Washington, Oregon, Idaho, Montana)
- Seasoned Executive Team:
  - Steve Weed, Chairman (former CEO of Wave Broadband)
  - Harold Zeitz, CEO (former President/COO of Wave Broadband)
  - Brian Stading, COO (former President of CenturyLink)
  - Bam Liem, CTO (former CTO of Wave Broadband)
  - John van Oppen, Network Architect
  - Chris Gellos, Commercial Team Leader
Frontier Transitional Services
Overview

As part of the purchase agreement, Northwest Fiber will receive various transitional services from Frontier. As the transaction close date approaches and beyond, some Frontier wholesale team members will continue to support you as part of the transitional services agreement.

Some of the transitional services Frontier has agreed upon are:

- Replication of Frontier IT Stack (Including Provisioning Systems M6, DPI, Remedy)
  - Frontier Northwest Four State Assets Managed in Separate IT Stack Prior to Close
  - Northwest Four States IT Stack Transferred to Northwest Fiber at Close
- Management of Wholesale OSS
- Order Provisioning Support for Access (ASR) and Local (LSR) Services
  - Provide Customer Support
  - Maintain Self-Service Online References for ASR/LSR Ordering
## Transitional Services Calendar of Events

### February 2020

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
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<td>Versions for CLEC Testing of Northwest Four States OSS:</td>
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<td>• LSR Business Rules Version 9.30.20.1</td>
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<tr>
<td>16</td>
<td>17 Holiday</td>
<td>18 NWF CLEC Test Window Opens for Local [Version 9.30.20.1]</td>
<td>19</td>
<td>20</td>
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<td>22</td>
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<tr>
<td>23</td>
<td>24 NWF CLEC Test Window Opens for Access [ASOG 60]</td>
<td>25</td>
<td>26 Access Carrier Forum (2:00 p.m. ET)</td>
<td>27 Local/Broadband Carrier Forum (2:00 p.m. ET)</td>
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OSS Replication

As part of the purchase agreement and transitional services agreement, Frontier has replicated its existing Operational Support Systems (OSS) for the northwest four states and will manage within a separate data center. Ownership of the replicated OSS will be transferred to Northwest Fiber at close.

• Bonded customers should have already taken action to establish connection to the replicated data center.

• VFO GUI Users will have duplicate access to the Northwest Four State replicated application. (No customer action required)

• Additional applications to be replicated for the northwest four states (with no customer action required), providing duplicate access to existing users with no changes to functionality, are:
  ✓ Customer Wholesale Portal (CWP)
  ✓ My Frontier Business Account (Globys)

More information specific to the OSS Replication is available at:
https://wholesale.frontier.com/wholesale/carrier-services/northwest-four-states-divestiture
Bonded Carrier/CLEC Testing

- Bonded Connectivity Testing – By Request
- Managed by the Frontier Connectivity Management Team
  - Contact: frontier.connectivity.management@ftr.com

- Bonded Carriers who have submitted Intent to Test will be scheduled for testing
  - Bonded Carrier/CLEC Test Window Dates:
    - Access (ASR) Test Window:
      - Opens February 24, 2020
      - Closes March 13, 2020
    - Local (LSR) Test Window:
      - Opens February 18, 2020
      - Closes March 13, 2020
Collocation Access Card Replication

On behalf of Northwest Fiber, Frontier will replicate all active Collocation Access Cards for cardholders in the Northwest Four States of Washington, Oregon, Idaho and Montana, and will distribute the new Northwest Fiber Collocation Access Cards to the existing cardholders.

- Holders of currently active Collocation Access Cards, to a Frontier ILEC office in the above mentioned states, will automatically be issued a new Northwest Fiber Collocation Access Card to be used post-close.

- Frontier Offices, in the above mentioned states, currently accessible from the holder’s current Access Card will remain accessible with the replicated Northwest Fiber Access Card for access post-close.

- If holder’s current Collocation Access Card, in the above mentioned states, expires before 4/1/2020, the cardholder is required to complete and submit the Frontier Collocation Access Card Application to receive a new card for use prior to 4/1/2020 and also to generate a replicated Northwest Fiber Access Card for use post-close.
Ordering
Access Ordering – General Information

Interexchange Carrier Service Code (ICSC)
- All Frontier properties in Idaho, Montana, Oregon and Washington, not already ICSC ‘FV03’, will be converted to ICSC ‘FV03’ at Close.
  - FV03 – Frontier properties in ID, OR, WA
  - CZ05 – Citizens properties in ID, MT, OR
- Northwest Fiber will assume ownership of ICSC ‘FV03’ at Close

Two Six Codes (TSCs)
- Northwest Fiber will assume Two Six Codes (TSCs). No changes will be made to embedded base TSCs.

Trunk Group Numbers (TGN)
- Northwest Fiber will assume existing Trunk Group Numbers (TGN). No changes will be made to embedded base.
Circuit Identification

- At close, inflight PONs will retain the Frontier Circuit and Telco ID
- No changes will be made to embedded base circuit IDs
- New PONs submitted post-close will be assigned the new TELCO ID ‘NWFC’

<table>
<thead>
<tr>
<th>OCN NAME</th>
<th>STATE</th>
<th>OLD ICSC</th>
<th>NEW ICSC</th>
<th>OLD CKT ID</th>
<th>NEW CKT ID</th>
<th>OLD TELCO ID</th>
<th>NEW TELCO ID</th>
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<td>6106</td>
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Local Ordering – General Information

Ordering Codes

- Effective January 26, 2020, a Service Provider Identification Number (SPID) Migration will occur for the northwest state properties in Idaho, Montana, Oregon and Washington.

*Frontier will transfer ownership of SPID 0615 to Northwest Fiber at close.
  - CCBFTR01742 was distributed on January 10, 2020 to assist CLECs to prepare for the SPID migration

- LERG and NECA updates will be made at close. Specifically, LERG updates will be made one minute after midnight of closing date and NECA records will be transferred to Northwest Fiber on the first of the month following close, per industry standard timing.

Circuit Identification

- No changes will be made to embedded base circuit IDs
- Circuit ID Prefix/Suffix Assignment nomenclature will remain the same for PONs submitted post-close

<table>
<thead>
<tr>
<th>Current SPID</th>
<th>New SPID*</th>
<th>Frontier States Impacted</th>
<th>Effective Date</th>
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<td>0121</td>
<td>0615</td>
<td>Idaho, Montana, Oregon, Washington</td>
<td>January 26, 2020</td>
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Data Feeds
Billing Feeds

• Northwest Fiber Electronic billing feeds are available and may be requested by completing and submitting the Northwest Fiber Billing Feed Connectivity Form including:
  – Billing Data Tapes (BDT) for CABS Access billing and Local billing
  – Daily Usage Files (DUF)
  – Meet Point Billing (MPB)

• To ensure connectivity prior to close, please complete and submit the required form by February 14, 2020. (Link to form below.)

EDI Billing is available only for Infospeed/BTAS and Bulk DSL Services

• To initiate the process to establish Billing via EDI with Northwest Fiber, send request email to ftr.edi.support@ftr.com
CARE (Customer Account Record Exchange)

- IXCs currently utilizing CARE services with Frontier’s ILECs in Idaho, Montana, Oregon and Washington, who wish to continue to utilize CARE services with Northwest Fiber, must complete and submit the PIC CARE Feed Connectivity Form.

- To ensure connectivity prior to close, please complete and submit the required form by February 14, 2020. (Link to form below.)

Trouble Administration
Trouble Reporting

• At close, active services inventories will be live in production and available for CLEC/Carrier to report troubles electronically once the system standup is complete and available.

• Inflight Trouble Reports will not require any CLEC/Carrier intervention.
Billing
Access (CABS) and Local (DPI) Billing

- Bill cycles will remain as-is
- No Billing Account Number (BAN) or Summary Master BAN (SMB) changes are planned
- Electronic Billing Options will not change
- New Payment Remittance Information will be provided at least 30 days before the Close Date
PS-ALI (9-1-1)
PS-ALI (9-1-1)

Northwest Fiber will utilize the vendor Intrado to manage its ALI (9-1-1) database.

- Northwest Fiber is purchasing the Frontier ALI Database for Idaho, Montana, Oregon and Washington.

- File delivery methods used today to Intrado will not change unless requested by the customer.

- Files delivered will be redirected to the Northwest Fiber/Intrado database at the proper time and should be transparent to the customer.

- New USER IDs will be issued (Excludes Carriers in Idaho managing their own database)

- If necessary, Northwest Fiber and Frontier will be contacting users with additional information before, during and after transaction close.
Questions?