



# E-Path Core Pop ENNI Order Processing

## Contents

Purpose	2
Processing Steps	3
ASR fields used for validating PONs	4
ASR EXAMPLES	5
E-Path Core POP ENNI - REQ TYP S, ACT N	5
ENNI Intervals and FOC Timelines	7
Additional Information	8
E-Path Core Pop Expedites	8
E-Path Core Pop Cancellation Charges	8
E-Path Core Pop Term Liability and Re-terms	8
Change Log	9

Frontier Wholesale  
Rochester, NY

Jurisdiction: All  
Effective Date: 07/25/2016  
Revised Date: 4/11/2023



## E-Path Core Pop ENNI Order Processing

### Purpose

Frontier's Regional Carrier Ethernet External Network to Network Interface (commonly referred to as ENNIs) will expand the ability to cross connect with Frontier within a Core POP location. Frontier will be sending the customer a Frontier Letter of Authorization/ Connecting Facility Assignment (LOA/CFA) for the following locations.

CORE POP CITY	CORE POP CLI (positions 1-8)	NOTE
<del>21715 Filigree Ct., Ashburn, VA</del>	<del>ASBNVACY</del>	<del>(Equinix) Vacated</del>
21721 Filigree Ct, Ashburn, VA	ASBNVAEG	(Equinix) Current Available Location
<del>56 Marietta St, Atlanta, GA</del>	<del>ATLNGAMQ</del>	<del>(Equinix) Vacated</del>
350 Cermack, Chicago, IL	CHCGILDT	(Equinix) Current Available Location
1950 N Stemmons Fwy, Dallas, TX	DLLSTX97	(Equinix) Current Available Location
2323 Bryan St, Dallas, TX	DLLSTX37	(Digital Realty) Current Available Location
900 N Alameda St, Los Angeles, CA	LSANCAVJ	(CoreSite) Current Available Location
<del>624 Grand Av, Los Angeles, CA (One Wilshire Building)</del>	<del>LSANGARG</del>	<del>(CoreSite) Not a Core POP Location</del>
529 Bryant St Palo Alto, CA	PLALCA01	(Equinix) Current Available Location
36 NE Second St, Miami, FL	MIASFLTT	(Equinix) Current Available Location
800 Secaucus Rd, Secaucus, NJ	SCCSNJ75	(Equinix) Current Available Location

Prior to submission of your first ASR, contact your Account Manager Sales Support to obtain Out of Franchise ACTLs.



## E-Path Core Pop ENNI Order Processing

### Processing Steps

1. After ACTLs are received, Customer can send PON to Frontier.
2. Frontier's LOA CFA sent as follows:
  - FOC'd a 10 day interval (Facilities exist) - 3 Business days after FOC
  - FOC'd greater than a 10 day interval (Facilities do not exist) – 2 Business days prior to FOC'd Due Date
3. Once LOA received, submit the cross connect order to your vendor.
4. If the NNI Cross Connect is not working after the order has been completed, please call 877-500-5514.

Select Option 1 and provide Serial Number portion of circuit ID for ticket creation.

- Please provide the Frontier NNI Circuit ID for a continuity test between the Carrier Customer, Core POP Building Owner, and Frontier.



## E-Path Core Pop ENNI Order Processing

### ASR fields used for validating PONs

FIELD	DESCRIPTION
SPEC	SPEC must equal ➤ EPATHCP
VTA	VTA must equal 36 or 60
PNUM	PNUM 1st 3 characters must equal EPA
SEI	SEI must equal Y



# E-Path Core Pop ENNI Order Processing

## ASR EXAMPLES

### E-Path Core POP ENNI – REQ TYP S, ACT N

New ENNI – E-Path Core POP REQ TYP S	
VFO: TRANSPORT SWITCHED ETHERNET	
ADMINISTRATIVE	
ASR FIELD	VALUE
ICSC	Frontier ICSC Code <del>ASBNVACY – FV04</del> ASBNVAEG – FV01 <del>ATLNGAMQ – IS36</del> CHCGILDT – FV06 DLLSTX97, TX – GT10 DLLSTX37, TX – GT10 LSANCAJV, CA – GT10 <del>LSANGARC, CA – GT10</del> PLALCA01, CA – GT10 MIASFLTT – GT10 SCCSNJ75 – CZ05
DDD	10 Business day Interval
ACT	N
EXP	Populated only if expedite is being requested
SEI	Y
RTR	S,F or N
PIU	100
ACTL	ACTL/POP CLLI (Must be provided by Account Manager/Sales Support)
QTY	1
BAN	E, N or Valid CABS BAN
SPEC	<b>EPATHCP</b>
ASC-EC	Prohibited



## E-Path Core Pop ENNI Order Processing

BILL					
ACNA	Identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service				
FUSF	Federal Universal Service Fee (FUSF). 1 alpha character Valid Values: E = Exempt Federal Universal Service Fee, N = Non-Exempt (Assessed) Federal Universal Service Fee				
VTA	36, or 60				
PNUM	POS 1-3 = <b>EPA</b>				
CONTACT					
INIT	Identifies the customer who originated the request				
INITIATOR TEL	Telephone number of customer who originated the request				
INIT EMAIL	<b>Required.</b> Identifies the electronic mail address of the initiator				
DSGCON	Identifies the employee of the customer or agent who should be contacted on design/engineering/translation issues and to whom the Design Layout Report may be sent. Required when RTR is F or S				
DSGCON TEL	Telephone number of employee of the customer or agent who should be contacted on design/engineering issues				
IMPCON	Identifies the customer employee or office responsible installation and completion				
IMPCON TEL	Identifies the telephone number of the implementation contact				
SES					
NC/NCI/SECNCI	NNI Speed	NC	NCI	SECNCI	Description
	1Gbps	SNH1	02QBF.K02	02CXF.N1C	1Gbps ENNI Optical (SMF - 1310nm) Port Only - Tagged - VLAN Based
	10Gbps	SNH2	02QBF.K02	02CXF.NXC	10Gbps ENNI Optical (SMF - 1310nm) - 10G Port Only - Tagged - VLAN Based
	100Gbps	SNH3	02QBF.K02	02CXF.NXC	100Gbps ENNI Optical (SMF – 1310nm) – 10G Port Only – Tagged – VLAN Based



## E-Path Core Pop ENNI Order Processing

### ENNI Intervals and FOC Timelines

Activity	NNI Service Intervals	NNI FOC
New/Change	10 business days	3 business days
Change/ Move	6 business days	3 business days
Disconnect	5 business days	3 business days
Records	2 business days	1 business day

**NOTE: All 10G/100G NNIs require a facility build**



## **E-Path Core Pop ENNI Order Processing**

### **Additional Information**

#### **E-Path Core Pop Expedites**

Expedites are permitted with E-Path Silver, Gold and Platinum and will be applied only when the EXP field is populated with a “Y” and Frontier is capable of shortening the standard delivery interval. This does not guarantee a reduced interval.

#### **E-Path Core Pop Cancellation Charges**

If customer cancels a PON, in whole or part, prior to installation, customer will be billed cancellation charges. Charges consist of one full month of Monthly Reoccurring Charges (MRC).

#### **E-Path Core Pop Term Liability and Re-terms**

Customers will be offered term agreements in 3 and 5 years. Should a customer disconnect their service prior to the end of the minimum period, termination liability charges will be applied. Minimum period for this service shall be the length of the term as specified in the VTA field of the Service Order for all physical interfaces and or rate elements. Early Termination Liability charges will be assessed and invoiced in the amount of 100% of the MRC for the remaining period of the original term as indicated in the VTA field of the originating Service Order. Term Liability is not applicable when customer is upgrading their service.





# E-Path Core Pop ENNI Order Processing

## Change Log

Date	Page Number	Change
7/25/2016		New
8/11/2016	ALL	Redesign process changes
11/8/2016	3	Updated CCEA to ACT N
9/17/2017	2-5	Added new Ashburn address and CLLI codes. Updated Intervals, modified LOA timeframes and added clarity to CCEA field population. Removed Atlanta Location. Added new locations LSANCAVJ & DLLSTX97
03/07/2018	1, 4, 5	Changed EPATH to E-Path (Branding Name Change)
3/16/2018	1, 4	Added new Core Pop Sites Effective 03/19/18
4/6/2018	2,4	Removed Core Pop Sites: LSANCARC, STTLWAWB, MPLSMNCD, PTLDORPB
3/20/2019	2,4	Opened up Atlanta, ATLNGAMQ location for New order activity
3/25/2019	2,4	Removed: 800 Secaucus Rd, Secaucus, NJ 07094
4/12/2019	4	Updated ICSC for ASBHVA**
10/3/2019	2, 3, 5	Removed requirement for CCEA, no longer need to populate this field.
6/03/2021	2,5	Added a Note to ATLNGAMQ, No New Activity Accepted
11/14/2022	2	Added a Note to PLALCA01, No New Activity for NNI.
3/28/2023	2,5,6	Added DLLSTX37, LSANCARC; added SNH3
4/11/2023	2,3,5,6	Added SCCSNJ75; Removed ATLNGAMQ, ASBNVACY, LSANCARC; Updated telephone number

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