



E-Path Ethernet COMBO Ordering Process

New and Disconnect Activity

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Frontier Wholesale
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E-Path Ethernet COMBO Ordering Process New and Disconnect Activity

Purpose

This document is intended as an aid to Frontier Customers for the purpose of ordering. This new ordering process will allow the UNI and EVC to be ordered on a single order using B in the EVCI field.

Product Types In-Scope for COMBO Ordering

1. Activities of N and D are allowed on the Combo order with REQ TYP of ED.

Exclusions

- NNI's (REQ TYP = SD) cannot be ordered on a COMBO
- EVC NC code of VLM- cannot be ordered on a COMBO order (ELAN/Multipoint not allowed)
- Point to Point (SPEC = EPATHPP)

NCI Codes for the EVC Form

The NCI code on the EVC Form must be equal to one of the values in the table. For example if the NC code on the SES Form is KQE1 then a VLAN Based NCI code must be used.

TAG	RUID NC (Position 3)	EVC NCI must Equal
VLAN Based TAGGED	Equals: E, F or SNH1 or SNH2 Example: (KRE2 or KQE1)	02VLN.V 02VLN.VP 02VLN.VST
PORT Based UNTAGGED	Equals: A, B or L (Example: KQA0 or KFL-)	02VLN.A2 02VLN.UNT



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VFO – New Order Request REQ TYP ED

REQ TYP ED: From the Service drop down list choose End User Switched Ethernet EVC. Select Initiate.

Order Initiation

Managed ESP	ZTK_Frontier
Order Number	COMBO-ACT-N
Receiver Code	FV06 Frontier North, Inc
Version	01
Guideline Version	53
Type of Request	Firm Order
Service	End User Switched Ethernet EVC
Activity	N
Template	--None Available--



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COMBO New Connect UNI/EVC Fields

ASR FORM ADMINISTRATIVE			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
CUSTOMER CODE	Customers CCNA	Customer Carrier Name Abbreviation	N – Required
DDD	20 Business Days	Desired Due Date	N – Required
PROJECT	Customer generated	Identifies the project with which the request is to be associated	N – Optional
REQTYP	ED = End User	Identifies the type of service being requested	N – Required
ACT	N	Identifies the activity involved in this service request	N – Required
QSA	ED = 01	Identifies the total number of Service Address Location Information Forms being sent by the customer	N – Required
EVCI	B	Ethernet Virtual Connection Identifier	N – Required
SEI	Y	Switched Ethernet Indicator	N – Required
RTR	F - Send FOC only S - Send FOC and DLR; CDLRD waived N - No response required	Identifies the type of confirmation response requested by the customer	N – Required
EXP	Populated if Expedite is requested	Indicates that expedited treatment is requested and any charges generated in provisioning this request	N – Optional
UNIT	C	C = Number of lines	N – Required
PIU	100	Percentage of Interstate Usage	N – Required
QTY	1	Identifies the quantity of circuits	N – Required
BAN	E, N or Fully Populated BAN	Identifies the billing account to which the recurring and non-recurring charges for this request will be billed	N – Required
RPON	If issuing because of a Bandwidth Upgrade then populate the ACT D PON	Identifies the PON of a related Access Service Request	N – Optional or Required when issuing for a Bandwidth Upgrade
TSP	Example: TSP12345C-E1	Indicates the provisioning and restoration priority	N – Optional
SPEC	EPATHU	Identifies E-Path product or service offering	N – Required
ASR_REMARKS	Customer Populated	Identifies a free flowing field, which can be used to expand upon and clarify other data on this form	N- Optional



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BILLING			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
BILLNM - Billing Name	Example: XYZ Corp.	Identifies the name of the person, office, or company to whom the customer has designated that the bill be sent	N - Optional N - Required when BAN field equals N
ACNA	Access Customer Name Abbreviation	Identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	N – Required
TE	Example: A = F & S B = F & C	Indicates that the customer has submitted a tax exemption form to the provider	N - Optional N - Required when BAN field equals N
FUSF	Example: E = Exempt Federal Universal Service Fee	Federal Universal Service Fee Indicates the service being ordered on this request should be either assessed or exempted from the Federal Universal Service Fee	N - Required
BILL_STR	Example: 2555 Elton St.	Identifies the street of the billing address associated with the billing name	N - Optional N - Required when BAN field equals N
BILL_CITY		Identifies the city, village, township, etc. of the billing address associated with the billing name	N - Optional N - Required when BAN field equals N
BILL_STATE		Identifies the two character postal code for the state/province of the billing address associated with the billing name	N - Optional N - Required when BAN field equals N
BILL_ZIP		Identifies the ZIP code or postal code of the billing address associated with the billing name	N - Optional N - Required when BAN field equals N
BILL CON		Identifies the name of the person or office to be contacted on billing matters	N - Optional N - Required when BAN field equals N
BILL CON TEL NO		Identifies the telephone number of the billing contact	N - Optional N - Required when BAN field equals N
VTA	Refer to Contract for allowable Terms	Identifies the duration, identifying USOC, contract date or contract identification number of any variable term agreement that may be offered	N – Required
VTAI	A = New Variable Term Agreement	Identifies the intended activity for the associated Variable Term Agreement (VTA).	N - Required
PNUM	Positions 1 to 4 must be EPAV	Identifies the contract tariff option for a pricing promotion plan	N – Required



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CONTACT			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
INIT	Example: Jane Smith	Identifies the customer employee who originated the request	N - Required
INITIATOR TEL	Example: 9999999999	Identifies the telephone number of the customer employee who initiated the request	N – Required
INIT EMAIL	Example: Jane.Smith@abc.com	Identifies the electronic mail address of the initiator	N – Required
DSGCON	Example: Jane Smith	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	N – Required
DSGCON TEL	Example: 9999999999	Telephone number of 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	N - Required
IMPCON	Example: Jane Smith	Identifies the customer employee or office responsible for control of installation and completion	N – Required
IMPCON TEL	Example: Jane Smith	Identifies the telephone number of the implementation contact	N - Required
SES FORM - SWITCHED ETHERNET SERVICES			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
NC	Refer to Ethernet NC/NCI and SPEC codes Job Aid for product specific codes	Network Channel	N – Required
NCI	Refer to Ethernet NC/NCI and SPEC codes Job Aid for product specific codes	Network Channel Interface	N – Required
SECNCI	Refer to Ethernet NC/NCI and SPEC codes Job Aid for product specific codes	Secondary Network Channel Interface	N – Required
ESP	Ethernet Service Point.	Identifies the Ethernet switching point, terminating equipment or terminating location, in CLLI code format	N – Prohibited



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SES FORM - SERVICE ADDRESS INFORMATION			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
PI	Y	Identifies that the service address location information being provided is a primary location	N – Required
EUNAME	End User's Name	Identifies the end user name associated with the termination location	N – Required
SANO	End User's Address	Identifies the number of the service address	N – Required
SASN	End User's Street	Identifies the street name of the service address	N – Required
SATH	Example: LN, ST, RD, AVE	Recommended abbreviations are contained in the United States Postal Service Publication 28, Postal Addressing Standards Street Suffix Abbreviations section	N - Optional when the SASN field is populated, otherwise prohibited
SASS	Example: E = East N = North NE = North East SW = South West	Identifies the street directional suffix of the service address	N - Optional when the SASN field is populated, otherwise prohibited
LD1	Example: FL RM BLDG	Identifies additional specific information related to the service address	N - Optional when the SASN field is populated, otherwise prohibited

SES FORM - SERVICE ADDRESS INFORMATION			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
LV1	Example: 12 1ST	Identifies the value associated with the first location designator of the service address	N - Optional when the LD1 field is populated, otherwise prohibited
LD2	Example: FL RM BLDG	Identifies additional specific information related to the service address	N - Optional when the SASN field is populated, otherwise prohibited
LV2	Example: 12 1ST	Identifies the value associated with the first location designator of the service address	N - Optional when the LD2 field is populated, otherwise prohibited
LD3	Example: FL RM BLDG	Identifies additional specific information related to the service address	N - Optional when the SASN field is populated, otherwise prohibited
LV3	Example: 12 1ST	Identifies the value associated with the first location designator of the service address	N - Optional when the LD3 field is populated, otherwise prohibited
CITY	End User's City	Identifies the city, village, township, etc. of the service address	N – Required



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SES FORM - SERVICE ADDRESS INFORMATION			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
STATE	End User's State	Identifies the state/province of the service address	N – Required
ZIP	End User's ZIP Code	Identifies the ZIP code, ZIP code + extension or postal code of the service address	N - Required when the SASN field is populated, otherwise prohibited
JS	D	Indicates whether the access service is to terminate at a new or existing registered jack or demarc	N – Required
LCON	Name of Local Contact	Identifies the local contact name	N - Required
ACTEL	Telephone Number of LCON	Identifies the telephone number to be used for arranging access for installation	N - Required
LCON_EMAIL	Email of Local Contact	Identifies the email address of the Location Contact	N - Required
EVC FORM ETHERNET VIRTUAL CONNECTION			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
EVCNUM	Example: 0001	Ethernet Virtual Connection Reference Number	N – Required
NC	VLP-	Network Channel	N – Required
NUT	02	Number of UNI Terminations	N – Required
EVCKR	Optional- customer format	Customer Ethernet Virtual Circuit Identifier	N – Optional
UREF - 01	01	User Network Interface [UNI] Reference Number	N – Required
AUNT	Value = A Always use the AUNT field in the UREF 01 Section	Associated UNI Termination	N – Required
NCI	02VLN.V 02VLN.VP 02VLN.VST	Network Channel Interface	N – Required
UACT	N	User Network Interface [UNI] Activity Indicator	N – Required
RUID	Prohibited on UREF - 01	Identifies the provider's related circuit ID for a UNI	N – Prohibited



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EVC FORM – CUSTOMER EDGE VIRTUAL LOCAL AREA NETWORK MAPPING DETAIL [1]			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
VACT	N = New This field is used when customer would like to assign their own VLAN	Identifies the activity requested for the CE-VLAN	N - Optional
CE_VLAN-START	Only one four numeric CE-VLAN entry is allowed and must match for both RUIDs. RUIDs must be VLAN based to use this field	An identifier derivable from a content of a service frame that allows the service frame to be associated with an EVC at the UNI/NNI.	N- Required when VACT is populated, others wise Optional.
EVC FORM - ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
LREF – 01	Required	Level of Service Reference Number	N – Required
LOSACT	N	Identifies the activity for the level of service as part of the EVC configuration	N – Required
SPEC	EPATHES EPATHEG EPATHEP	Service and Product Enhancement Code	N – Required
BDW	Populate with speed: Example 50m	Identifies the bandwidth rate defined by the Level of Service	N – Required
UREF - 02	02	User Network Interface [UNI] Reference Number	N- Required
NCI	02VLN.V 02VLN.VP 02VLN.VST	Network Channel Interface	N – Required
EVCSP	11 character CLLI Code	Ethernet Virtual Connection Switch Point	N – Required
UACT	N	User Network Interface [UNI] Activity Indicator	N – Required
RUID	Required on UREF - 02	Identifies the provider’s related circuit ID	N- Required



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EVC FORM – CUSTOMER EDGE VIRTUAL LOCAL AREA NETWORK MAPPING DETAIL [1]			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
VACT	N = New This field is used when customer would like to assign their own VLAN	Identifies the activity requested for the CE-VLAN	N - Optional
CE_VLAN-START	Only one four numeric CE-VLAN entry is allowed and must match for both RUIDs. RUIDs must be VLAN based to use this field	An identifier derivable from a content of a service frame that allows the service frame to be associated with an EVC at the UNI/NNI.	N- Required when VACT is populated, others wise Optional.
LREF – 01	Required	Level of Service Reference Number	N – Required
LOSACT	N	Identifies the activity for the level of service as part of the EVC configuration	N – Required
SPEC	EPATHES EPATHEG EPATHEP	Service and Product Enhancement Code	N – Required
BDW	Populate with speed: Example 50m	Identifies the bandwidth rate defined by the Level of Service.	N – Required



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COMBO Disconnect UNI/EVC Fields

ASR FORM ADMINISTRATIVE			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
CUSTOMER CODE	Customers CCNA	Customer Carrier Name Abbreviation	D – Required
DDD	20 Business Days	Desired Due Date	D – Required
PROJECT	Customer generated	Identifies the project with which the request is to be associated	D – Optional
REQTYP	ED = End User	Identifies the type of service being requested	D – Required
ACT	D	Identifies the activity involved in this service request	D – Required
EVCI	B	Ethernet Virtual Connection Identifier	D – Required
SEI	Y	Switched Ethernet Indicator	D – Required
RTR	F - Send FOC only S - Send FOC and DLR; CDLRD waived N - No response required	Identifies the type of confirmation response requested by the customer	D – Required
EXP	Populated if Expedite is requested	Indicates that expedited treatment is requested and any charges generated in provisioning this request	D – Optional
UNIT	C	C = Number of lines	D – Required
PIU	100	Percentage of Interstate Usage	D – Required
QTY	1	Identifies the quantity of circuits	D – Required
BAN	E, N or Fully Populated BAN	Identifies the billing account to which the recurring and non-recurring charges for this request will be billed	D – Required
RPON	If issuing because of a Bandwidth Upgrade then populate the ACT D PON	Identifies the PON of a related Access Service Request	N – Optional or Required when issuing for a Bandwidth Upgrade
ECCKT	ECCKT of the UNI Circuit ID	Identifies the provider circuit ID	
TSP	Example: TSP12345C-E1	Indicates the provisioning and restoration priority	D – Optional
SPEC	EPATHU	Identifies E-Path product or service offering	D – Required
ASR_REMARKS	Customer Populated	Identifies a free flowing field, which can be used to expand upon and clarify other data on this form	D - Optional



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BILLING			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
ACNA	Access Customer Name Abbreviation	Identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	D – Required
VTA	Refer to Contract for allowable Terms	Identifies the duration, identifying USOC, contract date or contract identification number of any variable term agreement that may be offered	D – Required
VTAI	Term Agreement Indicator New Term Agreement	Identifies the intended activity for the associated Variable Term Agreement (VTA).	N - Required
PNUM	Positions 1 to 3 must be EPA	Identifies the contract tariff option for a pricing promotion plan	D – Required
CONTACT			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
INIT	Example: Jane Smith	Identifies the customer employee who originated the request	D – Required
INITIATOR TEL	Example: 9999999999	Identifies the telephone number of the customer employee who initiated the request	D – Required
INIT EMAIL	Example: Jane.Smith@abc.com	Identifies the electronic mail address of the initiator	D – Required
IMPCON	Example: Jane Smith	Identifies the customer employee or office responsible for control of installation and completion	D – Required
IMPCON TEL	Example: Jane Smith	Identifies the telephone number of the implementation contact	D – Required
EVC FORM ETHERNET VIRTUAL CONNECTION			
FIELD	ENTRY	FIELD DESCRIPTION	ASR Activity Type
EVCNUM	Example: 0001	Ethernet Virtual Connection Reference Number	D – Required
NC	VLP-	Network Channel	D – Required
EVCKR	Optional- customer format	Customer Ethernet Virtual Circuit Identifier	D – Optional
EVCID	Circuit ID of EVC	Ethernet Virtual Connection Circuit ID assigned by Frontier	D - Required



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Change Log

Date	Page Number	Change
12/12/2016		New
12/15/2016	3	Inserted EVC NCI table and instructions
1/17/2017	3,4,5,7,8,9,11,12,13,14	Added VFO Screen Shots
10/12/2017	2	Added Special Note when using EVC NC code of 02VLN.VP
03/07/2018	2,16	Change EPATH to E-Path (Branding Name Change)
07/13/2018	16	Change ACT from N to D for Disconnect
12/06/2019	16	Inserted new section for LREF for UREF 02
09/24/2020	4	Removed Screen Shot
10/26/2020	2,3	Updated to remove reference to REQ TYP SD and Statement for E-Path must be ordered as a COMBO
4/1/2021	Title, 2,6	Updated Title and removed references to Archived Products
04/15/2021	13,14	Added VACT and CE-VLAN
06/07/2021	7, 15	Added RPON field
7/27/2023	6	Prohibited ESP field

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