EIA Combo Ordering VFO Overview

Initiating ASR in VFO

VFO Service Type for COMBO

When creating a new Order Request

1. Select the End User Switched Ethernet EVC for COMBO Ordering

ASR Form – Administrative Section

Required Fields on ACT=N

- Customer Code (CCNA)
- DDD
- REQTYP (Auto Populated)
- ACT (Auto Populated)
- QSA (01)
- EVCI (Auto Populated)
- SEI (Auto Populated)
- RTR
- UNIT
- PIU (100)
- QTY (1)
- BAN
- SPEC (ETHACC)

ASR Form – Billing & Contact Sections

BILLING [Optional | Conditional]

BILLNM | SBILLNM | ACNA: ZTK | TE: --Select-- | FUSF: E

EBP | BILL_STR | BILL_FL | BILL_RM | BILL_CITY

BILL_STATE | BILL_ZIP | BILLCON | BILLCON_TEL

BILLCON_EMAIL

VTA: 36 | TLE: --Select-- | VCVTA

IWBAN | PNUM: EIAZTKTRAINING | PSD

CONTACT [Optional | Conditional]

INIT: Jean Beurkens | INITIATOR_TEL: 9999999999 | INIT_FAX_NO

INIT_EMAIL: jean.beurkens@ftr.com | DSGCON: Jean Beurkens | DSGCON_TEL: 9999999999 | DSG_FAX_NO

DSG_EMAIL: jean.beurkens@ftr.com

DSGCON_STR | DRC | FDRC | DSGCON_FL | DSGCON_RM | DSGCON_CITY | DSGCON_STATE

DSGCON_ZIP | CB_TEL_NO | CBPC | MTCE_CONTACT | MTCE_TEL

MTCE_EMAIL

SITECON | SITECON_TEL

SITECON_EMAIL

IMPCON: Jean Beurkens | IMPCON_TEL: 9999999999

Required Fields on ACT=N

Billing:
- ACNA
- FUSF
- VTA (Contractual)
- PNUM (Contractual)

Contact:
- INIT
- INITIATOR TEL
- INIT EMAIL
- DSGCON (See field note)
- DSGCON TEL
- IMPCON
- IMPCON TEL

DSGCON Field Note:
First and Last Name are required. A space is required between first and last name.

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SES Form – Switched Ethernet Services Section

Required Fields on ACT=N

- NC
- NCI
- SECNCI

Please refer to the Switched Ethernet (Layer 2) NC/NCI/SECNCI & SPEC Codes job aid available from the Ethernet NC-NCI-SECNCI Job Aids page of the Frontier Wholesale Operations Website at: https://wholesale.frontier.com/access-services/ethernet-ordering/ethernet-nc-nci-secnci-job-aids.

For physical circuit available options:
See Tab: E-Path-EPL-EVPL-EIA-Rate ADJ
Filter SPEC (Column F):   ETHACC

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SES Form – Switched Ethernet Services Location Section

- For additional assistance with this section, please refer to page 14 of the EIA COMBO - Ethernet Internet Access job aid.

SWITCHED ETHERNET SERVICES LOCATION SECTION [Optional | Conditional]

CCEA

GETO
--Select--

GBTN

GCON

GTEL

IP_ADDRESS
111.111.111.28

IPAI
4

SUBNET_MASK
255.255.255.240

PTV

ESP

OTC

Required Fields on ACT=N

- IP_ADDRESS
- IPAI
- SUBNET_MASK

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SES Form – Service Address Information & Detail Sections

Required Fields on ACT=N

- PI (Y)
- EUNAME
- SANO
- SASN
- CITY
- STATE
- ZIP
- JS
- LCON
- ACTEL
- LCON_EMAIL
- ALCON
- ALCON_TEL
- ALCON_EMAIL

ALCON_EMAIL must be formatted as DOMAIN@(customer domain)
Example Domain@FTR.COM
FTR.COM will be used for IP Justification

EVC Form – Ethernet Virtual Connection

ETHERNET VIRTUAL CONNECTION [Required]

EVCNUM	NC	EVCID	NUT	OAM_IND
0001	VLP-		02	--Select--

SVP --Select-- | MSFS | CEV_P --Select-- | CEV_CP --Select--

EVCCKR

EPS

Required Fields on ACT=N

- EVCNUM (0001)
- NC
- NUT (02)

EVC Form – Ethernet Virtual Connection UNI Mapping Detail

Add Section for UREF (02)

ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [1] [Optional | Conditional]   Add : Copy : 1 Section(s) Remove Section

UREF	EI	AUNT	UACT	RPON	NCI
01	--Select--	A	N		02VLN.UNT

EVCSP	BUM_FD	RUID	RL	EVCMPID
			--Select--	

OTC	ASN	VPN_ACT	VPN_ID	VPN_NM
		--Select--		

Required Fields on ACT=N

- UREF (01)
- AUNT (A)
- UACT
- NCI

EVC Form – Ethernet Virtual Connection Level of Service Mapping

EVC Form – Ethernet Virtual Connection Level of Service Mapping Detail [1]

ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [1] [Optional | Conditional]   Add : Copy :

LREF	LOSACT	LOS	SPEC	P_BIT	BDW	DSCP	TOS	CIR_I
1	N	BASIC			50M		111111	

CBS_I	EIR_I	EBS_I	CMI_I	BCF_I	P_BITC_I	P_BITC_E	PPCOS
			--Select--	--Select--			

Required Fields on ACT=N

- LREF (1)
- LOSACT
- LOS
- BDW
- TOS

EVC Form – Ethernet Virtual Connection UNI Mapping Detail[2]

ETHERNET VIRTUAL CONNECTION UNI MAPPING DETAIL [2] [Optional | Conditional]   Add : Copy : 1 Section(s) Remove Section(s) : 1

UREF	EI	AUNT	UACT	RPON	NCI
02	--Select--	--Select--	N		02VLN.V

EVCSP	BUM_FD	RUID	RL	EVCMPID
NEWINNICLLI		NEW	--Select--	

OTC	ASN	VPN_ACT	VPN_ID	VPN_NM
		--Select--		

Required Fields on ACT=N

- UREF (02)
- UACT
- NCI (see note)
- EVCSP (see note)
- RUID (see note)

NCI: Populate with '02VLN.V'
EVCSP: Populate with 'NEWINNICLLI'
RUID: Populate with 'NEW'

EVC Form – Ethernet Virtual Connection Level of Service Mapping Detail

ETHERNET VIRTUAL CONNECTION LEVEL OF SERVICE MAPPING DETAIL [1] [Optional | Conditional]   Add : Copy : 1 Section(s) Remove Section

LREF	LOSACT	LOS	SPEC	P_BIT	BDW	DSCP	TOS	CIR_I
1	N ∨	BASIC			50M			

CBS_I	EIR_I	EBS_I	CMI_I	BCF_I	P_BITC_I	P_BITC_E	PPCOS
			--Select-- ∨	--Select-- ∨			

Note: TOS in this section is PROHIBITED

Required Fields on ACT=N

- LREF (1)
- LOSACT
- LOS
- BDW

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EVC Form – ECI Fields for IP Justification

- For additional assistance with these fields, please refer to pages 6 & 19 of the <u>EIA COMBO - Ethernet Internet Access</u> job aid. The IP Justification Usage Chart is also provided on the next slide.

COMPANY SPECIFIC FIELD [1] [Optional		Remove Section
ECI_NAME		
VPN		
ECI_VALUE		
3		

Required Fields on ACT=N

- ECI_NAME
- ECI_VALUE

Repeat for each IP Usage Type – ECI_NAME to be populated with exact value as shown below.

To add section, click the Add link

To copy section, click the Copy link

COMPANY SPECIFIC FIELD [2] [Optional		Add : Copy : 1 Section(s) Remove Section(s) : 1
ECI_NAME		
FIREWALL		
ECI_VALUE		
3		

To delete section, click the Remove Section link

ECI_NAME Values

VPN

FIREWALL

COMPUTERS

SERVERS

WEB HOSTING

VIRTUAL GAMING/TRAINING

DSL

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IP Justification Usage

Based on the CIDR value and TOS value required, utilize the chart below to determine the IP Justification Usage

CIDR (Not used on the VFO Request)	SES FORM			TOS	EVC FORM		ECI NAMES
	IPAI	SUBNET	IP ADDRESS		IP USAGE VALUES		
					MIN	MAX	Customer will only populate what is being requested
/28	4 or M	255.255.255.240	111.111.111.28	000000	**7**	14	VPN
/28	4 or M	255.255.255.240	111.111.111.28	111111	6	13	FIREWALL / COMPUTERS
/29	4 or M	255.255.255.248	111.111.111.29	000000	3	6	SERVERS
/29	4 or M	255.255.255.248	111.111.111.29	111111	2	5	WEB HOSTING
/30	4 or M	255.255.255.252	111.111.111.30	000000	1	2	VIRTUAL GAMING/TRAINING
/30	4 or M	255.255.255.252	111.111.111.30	111111	1	1	DSL
/64	6	Prohibited	111.111.111.64	111111	Unlimited		These values must be populated exactly as listed here
/128	6	Prohibited	111.111.111.128	000000	Unlimited		

See page 6: EIA COMBO - Ethernet Internet Access

VFO Informational C/NR – IP Information Provided

An informational C/NR will be sent before Completion of the ASR. The following information will be provided in the Remarks field of the C/NR:
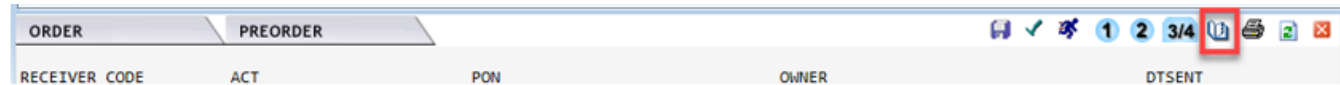
- ➢ LAN IP (IP INFO sent via separate email when IPAI equals M)
- ➢ WAN IP
- ➢ GATEWAY
- ➢ SUBNET
- ➢ FTR (Frontier IP Address)
- ➢ CXR (Customer IP)

NOTE: The Primary and Secondary DNS will be added to the Information C/NR with a future release.

The values will always be:

Primary-DNS = 74.40.74.40

Secondary-DNS = 74.40.74.41

From the ASR History Page, double click the PON to the left of Clarification Remarks. The PON is TEST in this example

This will take you to the ASR Response – Clarification Remarks Page