



# 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

A screenshot of a web browser window titled "Order Initiation VFO - Internet Explorer provided by Frontier Communications". The address bar shows "http://vfo.frontier.com:13002/orderInitiation.do". The page content is titled "Order Initiation" and contains several form fields:

- Order Number: COMBO-ACT-N (with a close button)
- Receiver Code: FV06 (with "Frontier Telecom" text next to it)
- Version: 01
- Guideline Version: 58 (dropdown menu)
- Type of Request: Firm Order (dropdown menu)
- Service: End User Switched Ethernet EVC (dropdown menu, highlighted with a red box)
- Activity: N (dropdown menu)
- Template: --None Available-- (dropdown menu)

At the bottom, there are two buttons: "Initiate" and "Cancel". A "Tracking" checkbox is also present next to the Order Number field.

# ASR Form – Administrative Section



**ADMINISTRATIVE [Required]**

CCNA	PON	VER	ASRNO	SPA	ICSC				
ZTK	EIACOMBO-TRNG	01			GT10				
CC	UNE	QA	CBD	DDD	FDT	PROJECT	CCI		
	--Select--	--Select--		09/25/2019			--Select--		
CNO	PPTD	NOR	LUP	BSA	REQTYP	ACT	ACTI	EU	
				--Select--	ED	N	--Select--	--Select--	
QSA	WST	LATA	EVCI	SEI	PVCI	NPVC	RTR	SUP	AFO
01	--Select--		B	Y	--Select--		F	--Select--	
QNAI	TQ	EXP	EDA	AENG	ALBR				
		--Select--	--Select--	--Select--	--Select--				
AGAUTH	DATED	CUST	LA	LADATED	LANM	JPR			
--Select--			--Select--						
NAG									
--Select--									
SRN	FBA	FNI	FNT	RFNI	CFNI	PSL			
			--Select--						
PSLI	CKR	UNIT	PIU	PLU					
--Select--		--Select--	100						
WSI_P	WSI_S	LTP	ECCKT	QTY	BAN				
--Select--	--Select--			1	E				
ASG	BIC	BIC_TEL	BIC_ID						
	--Select--								
TSC	ISTN	ACTL	APOT						
RORD	RPON	LAG							
		--Select--							
CCVN	ASC_EC	TSP	SAN	AFG	SPEC	PREV_PON			
	--Select--			--Select--	ETHACC				
ASR_REMARKS	TEST ORDER FOR EIA								

- 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 TE FUSF  
ZTK --Select-- E

EBP BILL\_STR BILL\_FL BILL\_RM BILL\_CITY

BILL\_STATE BILL\_ZIP BILLCON BILLCON\_TEL

BILLCON\_EMAIL

VTA TLE VCVTA  
36 --Select--

IWBAN PNUM PSD  
EIAZTKTRAINING

**CONTACT** [Optional | Conditional]

INIT INITIATOR\_TEL INIT\_FAX\_NO  
Jean Beurkens 999999999

INIT\_EMAIL DSGCON DSGCON\_TEL DSG\_FAX\_NO  
jean.beurkens@ftr.com Jean Beurkens 999999999

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 IMPCON\_TEL  
Jean Beurkens 999999999

## 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.

# SES Form – Switched Ethernet Services Section



ASR SES EVC NAI GEN.INFO

**SWITCHED ETHERNET SERVICES** [Optional | Conditional]

NC	NCI	SECNCI	SR	SBDW	BUM	BI
KQA5	04LN9.1CT	04CX9.1CT			--Select--	--Select--
ES	HVP	CI	PROFE	PROFI	MSFS	SM
--Select--	--Select--	--Select--				--Select--
LAG_ID						
LAG_P	MCLAG	MCLAG_ID	MCLAG_P	WACD1		
--Select--	--Select--		--Select--			
DIVCKT	DIVPON					
REMARKS						

**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/resources/access-services/ethernet-ordering/ethernet-nc-nci-secnci-job-aids.html>

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

# 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	SUBNET_MASK	PTV	ESP	OTC	
4	255.255.255.240				

**Required Fields on ACT=N**

- IP\_ADDRESS
- IPAI
- SUBNET\_MASK

# SES Form – Service Address Information & Detail Sections



SERVICE ADDRESS INFORMATION [Optional   Conditional]									
PI	EUNAME								
Y	GLOBAL ENVIRONMENTAL PROD								
ADDRESS DETAIL [Required] <a href="#">Validate</a>									
AFT	SAPR	SANO	SASF	SASD					
--Select--		5405		--Select--					
SASN				SATH	SASS				
INDUSTRIAL				PKWY	--Select--				
LD1	LV1	LD2	LV2	LD3	LV3				
STE	A	FLR	1						
CITY			STATE	ZIP					
San Bernardino			CA	90407					
JK_CODE	JK_NUM	JK_POS	JS	SMJK	PCA	OFC			
			D	--Select--					
SI	SPOT		ICOL						
--Select--									
LCON	ACTEL	AACTEL		ACPGN		ACPPN			
JEAN B	9999999999								
LCON_EMAIL									
jean.beurkens@FTR.com									
ALCON	ALCON_TEL	AALCON_TEL							
Jean	9999999999								
ALCON_EMAIL									
DOMAIN@FTR.COM									
ACC	WKTEL								

- 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



ASR SES **EVC** NAI GEN.INFO

**ETHERNET VIRTUAL CONNECTION [Required]**

EVCNUM NC EVCID NUT OAM\_IND  
0001 VLP- [ ] 02 --Select--

SVP MSFS CEV\_P CEV\_CP  
--Select-- [ ] --Select-- --Select--

EVCKR [ ]

EPS [ ]

**Required Fields on ACT=N**

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

# EVC Form – Ethernet Virtual Connection UNI Mapping Detail

**Add Section for UREF (02)**

ASR SES **EVC** NAI GEN.INFO

**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

EVCSB 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]

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]

UREF	EI	AUNT	UACT	RPON	NCI	EVCSPP	BUM_FD	RUID	RL	EVCMPIID	OTC	ASN	VPN_ACT	VPN_ID	VPN_NM
02	--Select--	--Select--	N		02VLN.V	NEWINNICLLI		NEW	--Select--				--Select--		

### Required Fields on ACT=N

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

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

# EVC Form – Ethernet Virtual Connection Level of Service Mapping Detail



LREF	LOSACT	LOS	SPEC	P_BIT	BDW	DSCP	TOS	CIR_I
1	N	<input type="checkbox"/> BASIC	<input type="text"/>	<input type="text"/>	50M	<input type="text"/>	<input type="text"/>	<input type="text"/>
CBS_I	EIR_I	EBS_I	CMI_I	BCF_I	P_BITC_I	P_BITC_E	PPCOS	
<input type="text"/>	<input type="text"/>	<input type="text"/>	--Select-- <input type="checkbox"/>	--Select-- <input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

Note: TOS in this section is PROHIBITED

**Required Fields on ACT=N**

- LREF (1)
- LOSACT
- LOS
- BDW

# EVC Form – ECI Fields for IP Justification



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

COMPANY SPECIFIC FIELD [ 1 ] [Optional]	Remove Section
ECI_NAME VPN	To add section, click the Add link
ECI_VALUE 3	
COMPANY SPECIFIC FIELD [ 2 ] [Optional]	Add : Copy : 1 Section(s) Remove Section(s) : 1
ECI_NAME FIREWALL	To copy section, click the Copy link
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.

## ECI\_NAME Values

VPN  
FIREWALL  
COMPUTERS  
SERVERS  
WEB HOSTING  
VIRTUAL GAMING/TRAINING  
DSL

To delete section, click the Remove Section link

# 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			EVC FORM			
	IPAI	SUBNET	IP ADDRESS	TOS	IP USAGE VALUES	ECI NAMES	
					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 FIREWALL COMPUTERS SERVERS WEB HOSTING VIRTUAL GAMING/TRAINING DSL <b>These values must be populated exactly as listed here</b>
/28	4 or M	255.255.255.240	111.111.111.28	111111	6	13	
/29	4 or M	255.255.255.248	111.111.111.29	000000	3	6	
/29	4 or M	255.255.255.248	111.111.111.29	111111	2	5	
/30	4 or M	255.255.255.252	111.111.111.30	000000	1	2	
/30	4 or M	255.255.255.252	111.111.111.30	111111	1	1	
/64	6	Prohibited	111.111.111.64	111111	Unlimited		
/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:

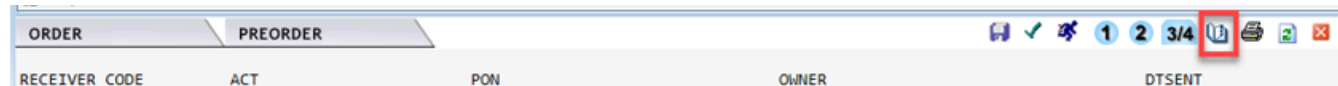
- LAN IP (IP INFO sent via separate email when IPAI equals M)
- WAN IP
- GATEWAY
- SUBNET
- FTR (Frontier IP Address)
- CXR (Customer IP)

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

TEST	01	SD	SN01	Completed	METROS_ADMIN	07/01/2019 10:32	auto	<a href="#">View XML</a>
TEST	01	SD	SN01	Clarification Remarks	METROS_ADMIN	07/01/2019 10:31	auto	<a href="#">View XML</a>
TEST	01	SD	SN01	Confirmed	METROS_ADMIN	06/25/2019 16:04	auto	<a href="#">View XML</a>

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