



Private Line Service - SONENT NC/NCI/SECNCI Combinations

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Frontier Wholesale

Jurisdiction: WV Acquired, F13 (includes 2016 Acquired CA, TX, FL effective 4-1-2016) and Legacy
Effective Date: 10/1/2011
Revised Date: 2/25/2016



Purpose

The purpose of the job aid is to provide commonly used NC/NCI/SECNCI combinations to assist with ordering of the Private Line Service (SONET) products.



Private Line Service - Optical

West Virginia Acquired

ICSC	FV01
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Table Legend:

02/04SOF - The option is identified with one of the following codes:

- B – ANSI: Long Reach-1, Single Longitudinal Mode Laser, 1310 nm
- C – ANSI: Intermediate Reach-1, Multi-Longitudinal Mode Laser, 1310 nm
- D – ANSI: Intermediate Reach-1, Single Longitudinal Mode Laser, 1310 nm
- E – ANSI: Short Reach – 1, Multi Longitudinal Mode Laser/Light Emitting
- F – ANSI: Short Reach-1, Multi Longitudinal Mode Laser, 1310 nm

Service Description	Fiber Path Diversity NC	Basic NC	NCI	SECNCI
OC3 Non-Concatenated	OB-S	OB--	02SOF.B	02SOF.B
OC3c Concatenated	OB-U	OB-R	04SOF.B	04SOF.B
OC12 Non-Concatenated	OD-S	OD--	02SOF.D	02SOF.D
OC12c Concatenated	OD-U	OD-R	04SOF.D	04SOF.D
OC48 Non-Concatenated	OF-S	OF--	02SOF.F	02SOF.F
OC48c Concatenated	OF-U	OF-R	04SOF.F	04SOF.F
STM1	OT-S	OT--	02SOF.B 02SOF.C 02SOF.E 04SOF.B 04SOF.C 04SOF.E	02SOF.B 02SOF.C 02SOF.E 04SOF.B 04SOF.C 04SOF.E



Frontier 13 (includes 2016 Acquired CA, TX, FL effective 4/1/2016) and All Legacy properties

ICSC	AU01, BT02, CA03, CI08, CI24, CI38, CI42, CI60, CI63, CI39, CI75, CS35, CT99, CU03, CZ02, CZ05, EN01, FV01, FV02, FV03, FV04, FV05, FV06, FV07, HT05, IA04, IA07, IA13, IA14, IA16, IB37, IB79, IB94, IB97, ID35, ID60, IS14, IS36, IS88, IW29, LR01, OR01, OR03, OT01, RT01, SG01, SL01, SL02, ST03, VI10, VI20, GT10, GT11
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Table Legend:

*** Reference SONENT Multiplexer Protocol + Options, Telcordia BR-795-403-100

02/04SOF - The option is identified with one of the following codes:

- B – ANSI: Long Reach-1, Single Longitudinal Mode Laser, 1310 nm
- D – ANSI: Intermediate Reach-1, Single Longitudinal Mode Laser, 1310 nm
- F – ANSI: Short Reach-1, Multi Longitudinal Mode Laser, 1310 nm
- X – Provider Engineered Reach Factor

Service Description	NC	NCI	SECNCI
Channelized			
OC3 Frontier Muxed at both ends	OB-E	04SMF.***	04SMF.***
	OBTE	04QBF.LL	04QBF.LL
OC3 Frontier Muxed at Central Office	OB-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OBTC	02QBF.LL 04QBF.LL	04QBF.LL
OC3 Frontier Muxed at Non-Central Office at PRILOC	OB-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OBTD	04QBF.LL	02QBF.LL 04QBF.LL
OC3 Frontier Muxed at Non-Central Office at SECLOC	OB-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OBTD	02QBF.LL 04QBF.LL	04QBF.LL
OC12 Frontier Muxed at both ends	OD-E	04SMF.***	04SMF.***
	ODTE	04QBF.LL	04QBF.LL
OC12 Frontier Muxed at Central Office	OD-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	ODTC	02QBF.LL 04QBF.LL	04QBF.LL
OC12 Frontier Muxed at Non-Central Office at PRILOC	OD-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	ODTD	04QBF.LL	02QBF.LL 04QBF.LL
OC12 Frontier Muxed at Non-Central Office at SECLOC	OD-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	ODTD	02QBF.LL 04QBF.LL	04QBF.LL



Private Line Service – SONENT NC/NCI/SECNCI Combinations

Service Description	NC	NCI	SECNCI
Channelized Continued			
OC48 Frontier Muxed at both ends	OF-E	04SMF.***	04SMF.***
	OFTE	04QBF.LL	04QBF.LL
OC48 Frontier Muxed at Central Office	OF-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OFTC	02QBF.LL 04QBF.LL	04QBF.LL
OC48 Frontier Muxed at Non-Central Office at PRILOC	OF-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OFTD	04QBF.LL	02QBF.LL 04QBF.LL
OC48 Frontier Muxed at Non-Central Office at SECLOC	OF-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OFTD	02QBF.LL 04QBF.LL	04QBF.LL
OC192 Frontier Muxed at both ends	OG-E	04SMF.***	04SMF.***
	OGTE	04QBF.LL	04QBF.LL
OC192 Frontier Muxed at Central Office	OG-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OGTC	02QBF.LL 04QBF.LL	04QBF.LL
OC192 Frontier Muxed at Non-Central Office at PRILOC	OG-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OGTD	04QBF.LL	02QBF.LL 04QBF.LL
OC192 Frontier Muxed at Non-Central Office at SECLOC	OG-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OGTD	02QBF.LL 04QBF.LL	04QBF.LL
Non-Channelized			
OC3 Non-Concatenated	OB--	02SOF.B, D, F, or X	02SOF.B, D, F, or X
	OBT-	04SOF.B, D, F, or X	04SOF.B, D, F, or X
		02QBF.LL	02QBF.LL
		04QBF.LL	04QBF.LL
OC3c Concatenated	OB-R	02SOF.B, D, F, or X	02SOF.B, D, F, or X
	OBTR	04SOF.B, D, F, or X	04SOF.B, D, F, or X
		02QBF.LL	02QBF.LL
		04QBF.LL	04QBF.LL
OC12 Non-Concatenated	OD--	02SOF.B, D, F, or X	02SOF.B, D, F, or X
	ODT-	04SOF.B, D, F, or X	04SOF.B, D, F, or X
		02QBF.LL	02QBF.LL
		04QBF.LL	04QBF.LL
OC12c Concatenated	OD-R	02SOF.B, D, F, or X	02SOF.B, D, F, or X
	ODTR	04SOF.B, D, F, or X	04SOF.B, D, F, or X
		02QBF.LL	02QBF.LL
		04QBF.LL	04QBF.LL



Private Line Service – SONET NC/NCI/SECNCI Combinations

Service Description	NC	NCI	SECNCI
Non-Channelized Continued			
OC48 Non-Concatenated	OF-- OFT-	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL
OC48c Concatenated	OF-R OFTR	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL
OC192 Non-Concatenated	OG-- OGT-	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL
OC192c Concatenated	OG-R OBTR	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL	02SOF.B, D, F, or X 04SOF.B, D, F, or X 02QBF.LL 04QBF.LL



Change Log

Date	Page Number	Change
10/01/2011		Original Document
07/21/2015	Header and pages 3,4	Updated to include Jurisdictions and applicable ICSC Codes
2/25/2016	Title page and page 4	Updated Logo, added ICSC GT10 and GT11, added statement (includes 2016 Acquired CA, TX, FL effective 4/1/2016)

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