



Fidium Wave Service



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Product Description

New England Fidium Wave Services (NCWS) offers the Wholesale customers a high-speed point-to-point circuit based on Dense Wave Division Multiplexing (DWDM) offered in speeds of 2.5 Gbps, 10 Gbps, and 100G. This product is offered as both an Intralata and Interlata (cross lata) product within the NNE territory.

NCWS can transport large data streams at gigabit speeds over a next generation, carrier class network infrastructure to deliver a high-speed, low latency, data service that is exceptionally reliable.

Benefits include:

Wholesale Customers who deploy multiple technologies and requires bandwidth-intensive transport services -- will find economies and efficiencies with NCWS. It provides next-generation multiservice delivery capabilities.

The use of Dense Wave Division Multiplexing (DWDM) allows deployment of less fiber and hardware with more bandwidth being available relative to standard SONET networks. Multiservice traffic of all types can now be carried over the DWDM infrastructure, thereby enabling faster speed to market of multiservice traffic offerings at a lower cost.

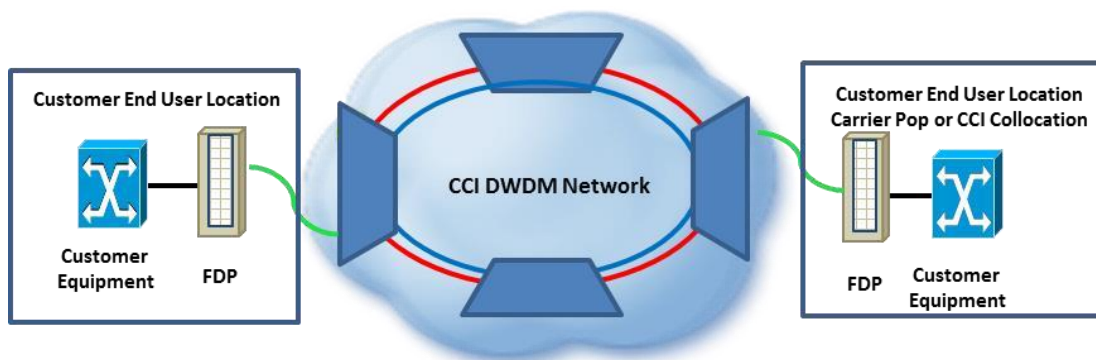
Additional benefits include:

- Connectivity Flexibility - Metro and Long-Haul High Bandwidth Connectivity
- LAN and WAN connectivity
- High-speed data transfer
- Medical imaging transport
- Financial data transactions
- Off-site Data Backup
- Disaster Recovery
- Standardized interfaces and interoperability with industry-leading hardware
- Single vendor solution - one network (Fidium), one order, one test-and-turn up process, one bill and one maintenance center.

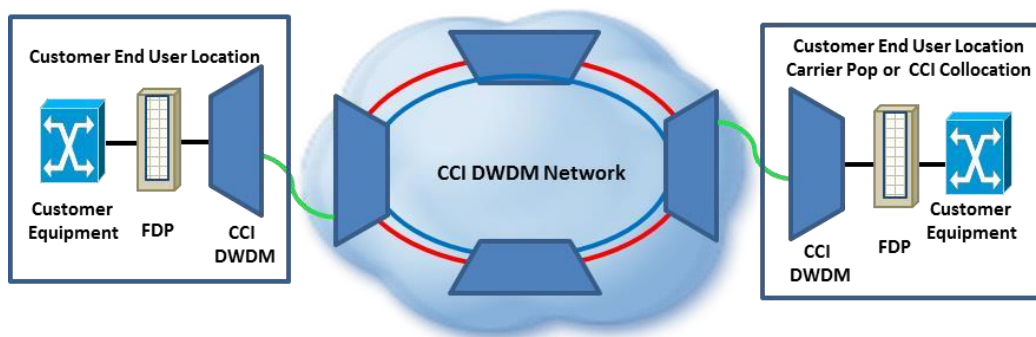
How It Works

NCWS are delivered in one of two configurations;

- 1) Edgeless, via fiber optically extended from FIDIUM DWDM network:



Or 2) Where FIDIUM places DWDM nodes at both A and Z locations. Fidium will place a DWDM node at each end of the NCWS circuit. This DWDM node will serve as the demarcation point between Fidium and the customer



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CWDM-Coarse Wavelength Division Multiplexing

Coarse wavelength division multiplexing (CWDM) is a method of combining multiple signals on laser beams at various wavelengths for transmission along fiber optic cables, such that the number of channels is fewer than in dense wavelength division multiplexing (DWDM) but more than in standard wavelength division multiplexing (WDM).



if you are ordering CWDM instead of DWDM please note in remarks as different type of equipment must be ordered.

- DWDM is used for longer distance and more bandwidth
- CWDM is used for shorter distance and less bandwidth.

Availability

NCWS is available in the operating territories of the following Fidium Operating Telephone Companies:

- Maine
- New Hampshire
- Vermont
- Off Network-Boston and Albany Data Centers

NCWS may be ordered in the following combinations:

- ACTL to ACTL
- End User to End User
- MTSO to MTSO
- MTSO to Cell site
- ACTL to a Collocation
- Collocation to an End User
- Collocation to Collocation



For Collocation to Collocation circuits, each collocation arrangements must be in two different central offices.

Ordering Requirements

- SPEC Code is **NSPLS**
- Protected and UnProtected services
- If A-Z is ME, NH, or VT going to Boston or NY the A location must be the NNE state of ME, NH, or VT
- Can cross state boundaries
- PIU= 100
- Orders will be placed through VFO using **ICSC EC20**
- VTA is required **12, 36, 60, 84**
- PNUM is required (contract ID)
- Cross Connects are required on a collocation site
- A LOA is required if terminating to Boston or Albany

BAN

A New BAN is required unless the customer already has a BAN for Carrier Ethernet Service (CES), then the same BAN can be used for NCWS.

Ban Format- FRP EN2-XXXX



An existing CES BAN can also be used

Term Plan

NCWS is offered with a 1, 3, and 5 year term plan. REQUIRED

VTA is:

- ▶ 12
- ▶ 36
- ▶ 60
- ▶ 84

Upgrades

Upgrades/downgrades are a D/N order since the NC code changes.

Interval

The Interval for WAVE Service is 45 business days or more. The standard DDD of 45 business days starts the calendar. **DDD may be extended if additional equipment is required for some Wavelength design solutions.** This is the date that will be confirmed back through VFO. The service interval may take longer than 90 business days but Fidium will provide the best possible date for service.

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Move Orders

Outside Move

An Outside Move is for moving **Location B** only can be done as a change order and the CKTID remains the same. If **Location A** moves, this requires a **DISCONNECT** and an **ADD** order.

Inside Move

A move of the demarc to a new location within the same address and/or same building can be done on a change order keeping the same circuit ID.

Additional Change Orders

The following change order scenarios are supported:

- TSP changes (add, change, remove)
- Customer CKR changes
- Other administrative changes

WAVE NC/NCI/SECNCI Codes

The following table lists the NC Codes by speed **for Non-Protection**

Speed	NC Code
NCWS - 2.5 GIG	PIC-
NCWS - 10 GIG	PID-
NCWS – 100GIG	PIF-

The following tables list the **NCI/SECNCI** Codes by Interface/handoff. Use the Colocation NCI or SECNCI as applicable

Non Collocation Site

NCI/ SECNCI	Description
02WLF.A02	1310 nm, Single-mode Fiber
02WLF.A03	1550 nm, Single-mode Fiber
02WLF.A04	850 nm, 50 micron multimode Fiber
02WLF.A05	1310 nm, 50 micron multimode Fiber
02WLF.A06	1550 nm, 50 micron multimode Fiber
02WLF.A07	850 nm, 62.5 micron multimode Fiber
02WLF.A08	1310 nm, 62.5 micron multimode Fiber
02WLF.A09	1550 nm, 62.5 micron multimode Fiber

Collocation Site

NCI/ SECNCI	Description
02QBF.W02	Wavelength Channel, 1310 nm, Single-mode Fiber
02QBF.W03	Wavelength Channel, 1550 nm, Single-mode Fiber
02QBF.W04	Wavelength Channel, 850 nm, 50 micron multimode Fiber
02QBF.W05	Wavelength Channel, 1310 nm, 50 micron multimode Fiber

02QBF.W06	Wavelength Channel, 1550 nm, 50 micron multimode Fiber
02QBF.W07	Wavelength Channel, 850 nm, 62.5 micron multimode Fiber
02QBF.W08	Wavelength Channel, 1310 nm, 62.5 micron multimode Fiber
02QBF.W09	Wavelength Channel, 1550 nm, 62.5 micron multimode Fiber

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NC/NCI Codes for Wave Protection:

1. **Network Protection** – Network Protect with 2 Fiber Protection (A single CDS Shelf equipped with TM51card at each end of circuit at customer location)
2. **Network & Card Protection** – Network Protection with 4 Fiber for 1 + 1 Protection (Two CDS shelves equipped with TM51 card at each end of circuit at customer locations)

NC Codes for Wave Protection

2.5G

NC	NCI	SECNCI	Description
PICP	02WLF	02WLF	2.5G- Protected wavelength path (2 fiber Network Protect if no 1+1 protection)
PICP	04WLF	04WLF	2.5G Protected wavelength path & card protection (4 Fiber 1+1 Protection)

10G

NC	NCI	SECNCI	Description
PIDP	02WLF	02WLF	10G- Protected wavelength path (2 fiber Network Protect if no 1+1 protection)
PIDP	04WLF	04WLF	10G Protected wavelength path & card protection (4 Fiber 1+1 Protection)

100G

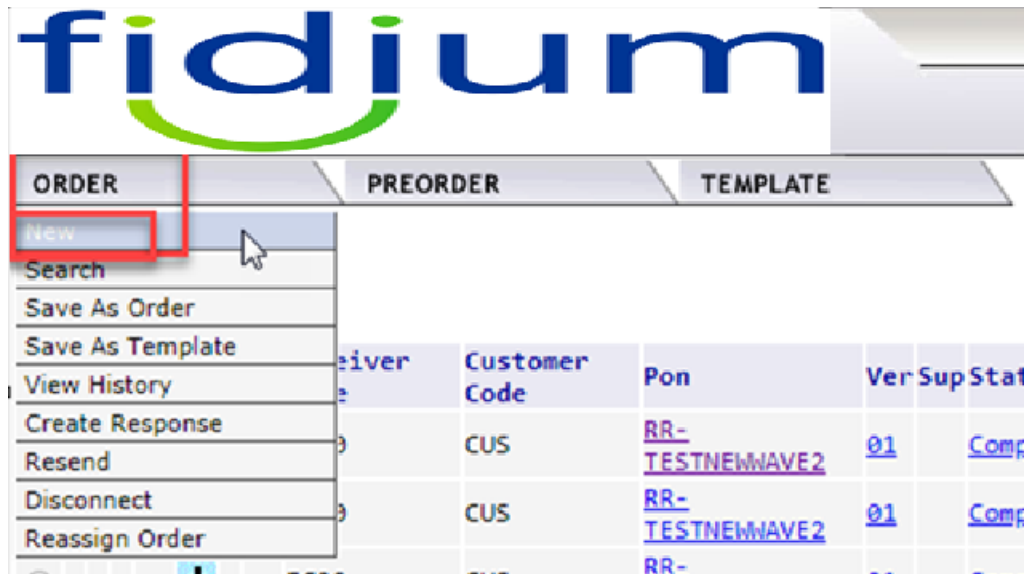
NC	NCI	SECNCI	Description
PIFP	02WLF	02WLF	100G- Protected wavelength path (2 fiber Network Protect if no 1+1 protection)
PIFP	04WLF	04WLF	100G Protected wavelength path & card protection (4 Fiber 1+1 Protection)

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**NC/NCI Codes for Wave Protection:
Fidium Wave Service (NCWS) Example Order:**

- REQ TYP- ED

In VFO go to the ORDER Tab and click on NEW



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When the order Initiation use the following fields

- Receiver Code= **EC20**
- Service Type- **EUSA-2 Point**
- Activity= **N**

Order Initiation

Managed ESP

FAIRPOINT_NNE

Order Number

EXAMPLE WAVE SERVICE

☐ Tracking

Receiver Code

EC20

Enhanced Communications of Northern New England Inc

Version

01

Guideline Version

55

Type of Request

Firm Order

Service

EUSA-2 Point

Activity

--Select One--

Template

--None Available--

 Initiate

 Cancel

When the order Initiation use the following fields

Required Fields on ASR

ASR Tab / Section	ASR field entry value
ICSC	EC20
CCNA	Customer Name Abbreviation
Project	CCNA-NCWS (EX: ABC-NCWS)
DDD	20 Business Days
REQTYP	ED
QSA	2
ACT	N
CUST	Customer Name
RTR	S or F
CKR	Optional
PIU	100 or 000
QTY	1
BAN	FRP-EN2-5999 (example) New BAN or CES BAN
SPEC	NSPLS
REMARKS	EX: New 10G NCWS Single Mode fiber
Bill Section	
BILLNM	Customer Name
ACNA	XXX
FUSF	N or E
BILL_STR	Billing Address
BILL_CITY	Billing Address
BILL_STATE	Billing Address
BILL_ZIP	Billing Address
BILLCON	Bill Contact
BILLCON_TEL	Bill Contact TN
VTM	Required from Contract
PNUM	Required Contract Number
Contact Section	
INIT	Input your name
INITIATOR_TEL	Input your contact telephone #
DSGCON	Input name
DSGCON_TEL	Input telephone #
DSGCON_Email	xxxxxxxx

IMPCON	Input depart , duty tech or name
IMPCON_TEL	Input telephone #

The fields **required** to be populated on the END USER TAB:

Circuit Detail Section	
NC (Transport)	See NC Codes
NCI (Transport)	See NC Codes
SECNCI (Transport)	See NC Codes
Primary Location Section	
PRILOC	E
S25 (Transport)	NA
GETO	W if inside wiring is required
Secondary Location Section	
SECLOC (Transport)	E
S25	NA
GETO	W if inside wiring is required
Service Address Location Form (SALI) 1	
REF NUM	001
PI	Y
SANO	999
SASN	Any Street
SATH	St
LD1	Location Designator 1 (if applicable)
LV1	Location Value 1 (if applicable)
LD2	Location Designator 2 (if applicable)
LV2	Location Value 2 (if applicable)
City	Portland
State	ME
ZIP	00000
AAI	And additional information for address
JS	EX: D
LCON	Local Contact required
ACTEL	Local Contact Tel # required
LCON Email	Local Contact Email required

The fields **required** to be populated on the SALI tab LOC 2:

Service Address Location 2	
EUNAME	Any Place
SANO	999
SASN	Any
SATH	Way
LD1	Location Designator 1 (if applicable)
LV1	Location Value 1 (if applicable)
LD2	Location Designator 2 (if applicable)
LV2	Location Value 2 (if applicable)
CITY	ANYTOWN
STATE	XX
ZIP	99999
AAI	Any additional information on address
JS	EX: D
LCON	Local Contact
ACTEL	Access Telephone Number
LCON EMAIL	LCON email

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Fidium Wave Service (NCWS) Example Order:

- REQ TYP- SD
- Service Type- SA-2 Point

Order Initiation

Managed ESP	FAIRPOINT_NNE	
Order Number	EXAMPLE WAVE SERVICE	☐ Tracking
Receiver Code	EC20	Enhanced Communications of Northern New England Inc
Version	01	
Guideline Version	55	
Type of Request	Firm Order	
Service	SA-2 Point	
Activity	N	
Template	--None Available--	

1. The fields **required** to be populated on the ASR tab are below.

ASR Tab / Section	ASR field entry value
ICSC	EC20
CCNA	Customer Name Abbreviation
Project	CCNA-NCWS (EX: ABC-NCWS)
DDD	20 Business Days
REQTYP	SD
ACT	N
RTR	S or F
Customer	Company Name
CKR	Optional
PIU	100
QTY	1
BAN	FRP-ENH-5000 (example) New BAN or CES BAN
QSA	1
SPEC	NSPLS
ACTL	ACTL CLLI Code
APOT	
REMARKS	EX: 10G NCWS
Bill Section	
BILLNM	Customer Name
ACNA	XXX
FUSF	N or E
BILL_STR	Billing Address
BILL_CITY	Billing Address
BILL_STATE	Billing Address
BILL_ZIP	Billing Address
BILLCON	Bill Contact
BILLCON_TEL	Bill Contact TN
VTA	12, 24, 36, 60
PNUM	Required Contract Number
Contact Section	
INIT	Input your name
INITIATOR_TEL	Input your contact telephone #
DSGCON	Input name
DSGCON_TEL	Input telephone #
IMPCON	Input depart , duty tech or name
IMPCON_TEL	Input telephone #

The fields **required** to be populated on the Transport tab:

Circuit Detail	
NC (Transport)	See NC Codes
NCI (Transport)	See NC Codes
SECNCI (Transport)	See NC Codes
S25 (Transport)	NA
SECLOC (Transport)	E
CCEA	Cross Connect if Collocation

The fields **required** to be populated on the SALI tab:

Service Address Location Form (SALI)	
REFNUM	0001
EUNAME	Any Place
SANO	999
SASN	Any
SATH	Way
LD1	Location Designator 1 (if applicable)
LV1	Location Value 1 (if applicable)
LD2	Location Designator 2 (if applicable)
LV2	Location Value 2 (if applicable)
CITY	ANYTOWN
STATE	XX
ZIP	99999
AAI	Any additional information on address
LCON	Local Contact
ACTEL	Access Telephone Number
LCON EMAIL	LCON email



CCEA required if Collocated ACTL

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A Location: Populate CIRCUIT ID

Both states will display in the circuit ID for IPLS circuits. LOC A will be the Prefix of the Circuit ID and LOC Z will be identified after the Serial Number.

82/**PIXX**/123456//MJD

The Service Code will be the 1st two characters of the **NC** Code

The Modifier will be **XX** for all speeds

The Circuit IDs will end in **MJD** which is Fidium's ACNA.

Circuit Prefix

81 (ME), 83 (NH), 87 (VT)- Intra-lata

82 (ME), 84 (NH), 88 (VT)- Inter-lata

06 Boston, 11 NY

Trouble Ticket

Trouble tickets can be entered through VFO TA option.

None of the NCWS facilities will be monitored on behalf of the customer. The customer will need to notify Fidium of an outage and open a ticket for troubleshooting and repair within Remedy.

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A Location: Populate

The 'A' location on the NCWS order must be in the Fidium territory (ME, NH, VT). If the ACTL or Primary Location is not located in ME, VT or NH, the customer receives the following message:

“ACTL/Priloc must be in ME, VT or NH for NCWS service”

The SECLOC can be in our Boston or New York Data Centers

Components

A Location: Populate

The NCWS service/pricing components consist of:

► Channel Termination

- The Channel Termination rate pertains to the interconnection between a customer's designated Point of Interface (POI) and the designated Fidium's Central Office (CO).
 - Monthly recurring charges (MRCs) apply for Channel Terminations.
 - Nonrecurring charges (NRCs) apply for the installation of Channel Terminations.

► Mileage

- Mileage charges will include a fixed and variable component. Mileage applies between Serving Wire Centers of each end of the circuit.

► Channel Termination Cross Connect

- Applies in lieu of the Channel Termination at a Collocation Cage.

► Service Order Charge (NRC)

NCWS USOCs

USOC	Description
1A4WS	DWDM Point-To-Point Mileage
TNTOX	DWDM Channel Termination
25PZX	Collocation Channel Termination Cross Connect
NHCPX	Service Order Charge

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Wave PROTECTION

Circuit ID with Wave Protection

82/PIXH/123456/82/MJD/

Term Plans

Term Plans offered for WAVE Protection is

- 12 months
- 36 Months
- 60 Months
- 84 Months

WAVE Protection USOCs

USOC	Description
NHCPX	Service Order Charge
TVYA1	CHAN TERM-DWDM PT TO PT NETWORK PROTECTION 12Month
TVYA3	CHAN TERM-DWDM PT TO PT NETWORK PROTECTION 36 Month
TVYA5	CHAN TERM-DWDM PT TO PT NETWORK PROTECTION 60 Month
TVYA7	CHAN TERM-DWDM PT TO PT NETWORK PROTECTION 84 Month
TVYB1	CHAN TERM-DWDM PT TO PT NETW & CARD PROTECTIO 12 Month
TVYB3	CHAN TERM-DWDM PT TO PT NETW & CARD PROTECTIO 36 Month
TVYB5	CHAN TERM-DWDM PT TO PT NETW & CARD PROTECTIO 60 Month
TVYB7	CHAN TERM-DWDM PT TO PT NETW & CARD PROTECTIO 84 Month
OD71X	DWDM PT TO PT OPT WAVLENGTH SVC 1+1 CARD PROT 4-Wire Collocation

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Product Description

Fidium Dense Wavelength Division Multiplexing (DWDM) offers the Wholesale customers a high-speed point-to-point circuit based on Dense Wave Division Multiplexing (DWDM) offered in speeds of 2.5 Gbps, 10 Gbps, 100G, and 400G.

CWS can transport large data streams at gigabit speeds over a next generation, carrier class network infrastructure to deliver a high-speed, low latency, data service that is exceptionally reliable.

Benefits include:

Transport large data streams at gigabit speeds with Fidium's Wavelength Service. We leverage a next generation, carrier class network infrastructure to deliver a high- speed, low latency, data service that is exceptionally reliable. It's a perfect for data backup.

Benefits include:

- Network optimized for high-performance transport applications like data backup
- Service and protocol transparency for seamless integration
- Lower latency than most other transport technologies
- Standardized interfaces
- Interoperable with industry-leading hardware
- Offered at speeds of 2.5 Gbps, 10 Gbps and 100 Gbps
- Guaranteed bandwidth – no oversubscription
- Secure, dedicated connection

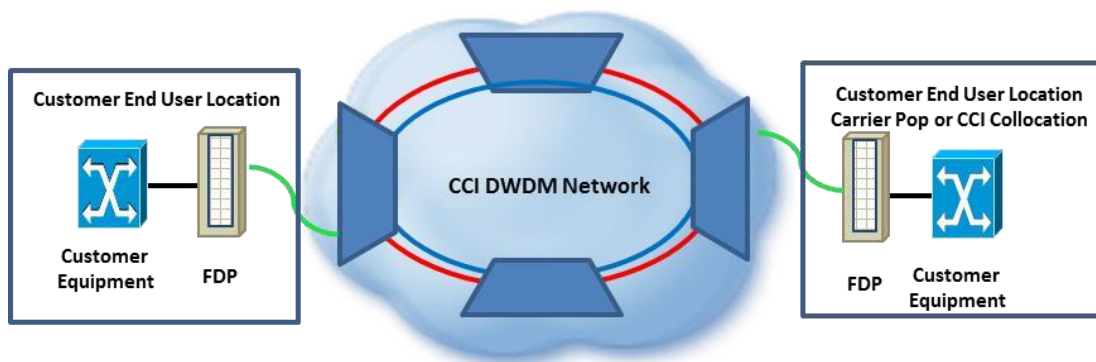
Features

- Dedicated Bandwidth
- Protected Access

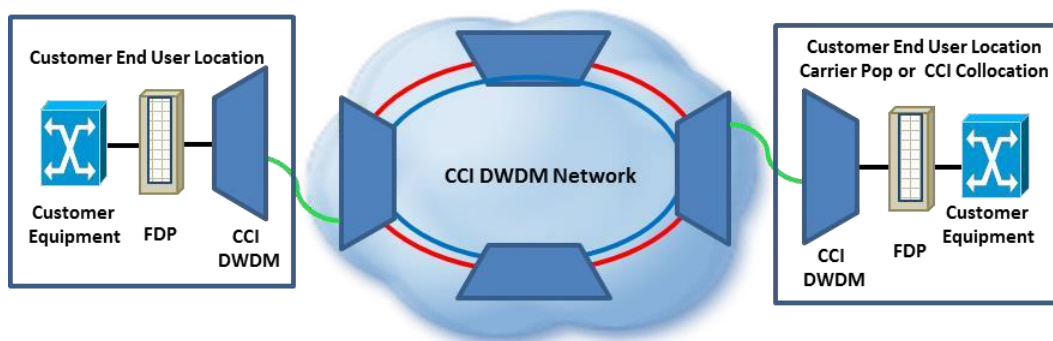
How It Works

NCWS are delivered in one of two configurations;

- 1) Edgeless, via fiber optically extended from FIDIUM DWDM network:



Or 2) Where FIDIUM places DWDM nodes at both A and Z locations. Fidium will place a DWDM node at each end of the NCWS circuit. This DWDM node will serve as the demarcation point between Fidium and the customer



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Order Configurations

FIDIUM-DWDM may be ordered in the following combinations:

- ACTL to End User/Cell Site
- End User to End User
- MTSO to MTSO
- MTSO to Cell site
- Collocation to an End User
- Collocation to Collocation



For Collocation to Collocation circuits, each collocation arrangements must be in two different central offices

ICSC Codes

FIDIUM-DWDM is available in the operating territories of the following Fidium Operating Telephone Companies:

CA, TX, PA, MN, SD, IA, PA, MO, IL

ICSC	Company Name
CC05	Consolidated Comm Telecom SVCs, Mattoon, IL
ET02	Enventis Telecom (aka Minnesota Pwer Telecom), Duluth, MN
EV10	Consolidated Missouri
FB01	Consolidated Comm of Fort Bend, Irving, TX
IC90	Illinois Fidium Tel, Mattoon, IL
IO10	Ideaone Telecom Group LLC, Fargo, ND
LF10	Consolidated Comm of Texas Company, Lufkin, TX
MK01	Mankato Citizens Tel Co, Mankato, MN (Tandem services only)
NP05	North Pittsburg Telco, Gibsonia, PA Cranberry TWSP, PA
PT30	Penn Telecom Inc, CLEC PA
RS02	Surewest Telephone, Citrus Heights, CA

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Ordering Requirements

- One ASR two locations
- SPEC Code is **NSPLS**
- Contract is required
- Protected and UnProtected services
- Can cross State Boundaries
- PIU= 100
- Orders will be placed through VFO using **applicable ICSC**
- VTA is required **12, 36, 60, 84**
- Cross Connects are required on a collocation site
- A LOA is required if terminating in a Data Center

[See order examples at end of document](#)

BAN

Carrier can use their Switched Ethernet BAN



One BAN per LATA

Term Plan

FIDIUM-DWDM is offered with a 1, 3, and 5 year term plan.
REQUIRED

VTA is:

- ▶ 12
- ▶ 36
- ▶ 60
- ▶ 84

Upgrades

Upgrades/downgrades are a D/N order

Interval

The Interval for WAVE Service is 45 business days or more. The standard DDD of 45 business days starts the calendar. **DDD may be extended if additional equipment is required for some Wavelength design solutions.** This is the date that will be confirmed back through VFO. The service interval may take longer than 90 business days but Fidium will provide the best possible date for service.

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Move Orders

Outside Move

An Outside Move is for moving **Location B** only can be done as a change order and the CKTID remains the same. If **Location A** moves, this requires a **DISCONNECT** and an **ADD** order.

Inside Move

A move of the demarc to a new location within the same address and/or same building can be done on a change order keeping the same circuit ID.

Additional Change Orders

The following change order scenarios are supported:

- TSP changes (add, change, remove)
- Customer CKR changes
- Other administrative changes

WAVE NC/NCI/SECNCI Codes

The following table lists the NC Codes by speed **for Non-Protection**

NC Code	Description
CCI-DWDM - 2.5 GIG	PIC-
CCI-DWDM - 10 GIG	PID-
CCI-DWDM – 100GIG	PIF-
CCI-DWDM- 400GIG	PIJ-

The following tables list the **NCI/SECNCI** Codes by Interface/handoff.

Non Collocation Site 2.5G, 10G, 100G

NCI/ SECNCI	Description
02WLF.A02	1310 nm, Single-mode Fiber
02WLF.A03	1550 nm, Single-mode Fiber
02WLF.A04	850 nm, 50 micron multimode Fiber
02WLF.A05	1310 nm, 50 micron multimode Fiber
02WLF.A06	1550 nm, 50 micron multimode Fiber
02WLF.A07	850 nm, 62.5 micron multimode Fiber
02WLF.A08	1310 nm, 62.5 micron multimode Fiber
02WLF.A09	1550 nm, 62.5 micron multimode Fiber

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Non Collocation Site 400G

NCI/ SECNCI	Description
02WLF.A10	1264.5 to 1277.5 nm, 1284.5 to 1297.5 nm, 1304.5

	to 1317.5 nm, 1324.5 to 1337.5 nm
02WLF.A30	1304.06 to 1305.1 nm, 1306.33 to 1307.38 nm, 1308.61 to 1309.66 nm, 1310.9 to 1311.96 nm

Collocation Site

NCI/ SECNCI	Description
02QBF.W02	Wavelength Channel, 1310 nm, Single-mode Fiber
02QBF.W03	Wavelength Channel, 1550 nm, Single-mode Fiber
02QBF.W04	Wavelength Channel, 850 nm, 50 micron multimode Fiber
02QBF.W05	Wavelength Channel, 1310 nm, 50 micron multimode Fiber
02QBF.W06	Wavelength Channel, 1550 nm, 50 micron multimode Fiber
02QBF.W07	Wavelength Channel, 850 nm, 62.5 micron multimode Fiber
02QBF.W08	Wavelength Channel, 1310 nm, 62.5 micron multimode Fiber
02QBF.W09	Wavelength Channel, 1550 nm, 62.5 micron multimode Fiber

400G Collocation Site

NCI/ SECNCI	Description
02QBF.W10	1264.5 to 1277.5 nm, 1284.5 to 1297.5 nm, 1304.5 to 1317.5 nm, 1324.5 to 1337.5 nm
02QBF.W30	1304.06 to 1305.1 nm, 1306.33 to 1307.38 nm, 1308.61 to 1309.66 nm, 1310.9 to 1311.96 nm



Protection is not offered at this time for 400G

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NC/NCI Codes for Wave Protection:

1. **Network Protection** – Network Protect with 2 Fiber Protection (A single CDS Shelf equipped with TM51card at each end of circuit at customer location)
2. **Network & Card Protection** – Network Protection with 4 Fiber for 1 + 1 Protection (Two CDS shelves equipped with TM51 card at each end of circuit at customer locations)

NC Codes for Wave Protection

2.5G

NC	NCI	SECNCI	Description
PICP	02WLF	02WLF	2.5G- Protected wavelength path (2 fiber Network Protect if no 1+1 protection)
PICP	04WLF	04WLF	2.5G Protected wavelength path & card protection (4 Fiber 1+1 Protection)

10G

NC	NCI	SECNCI	Description
PIDP	02WLF	02WLF	10G- Protected wavelength path (2 fiber Network Protect if no 1+1 protection)
PIDP	04WLF	04WLF	10G Protected wavelength path & card protection (4 Fiber 1+1 Protection)

100G

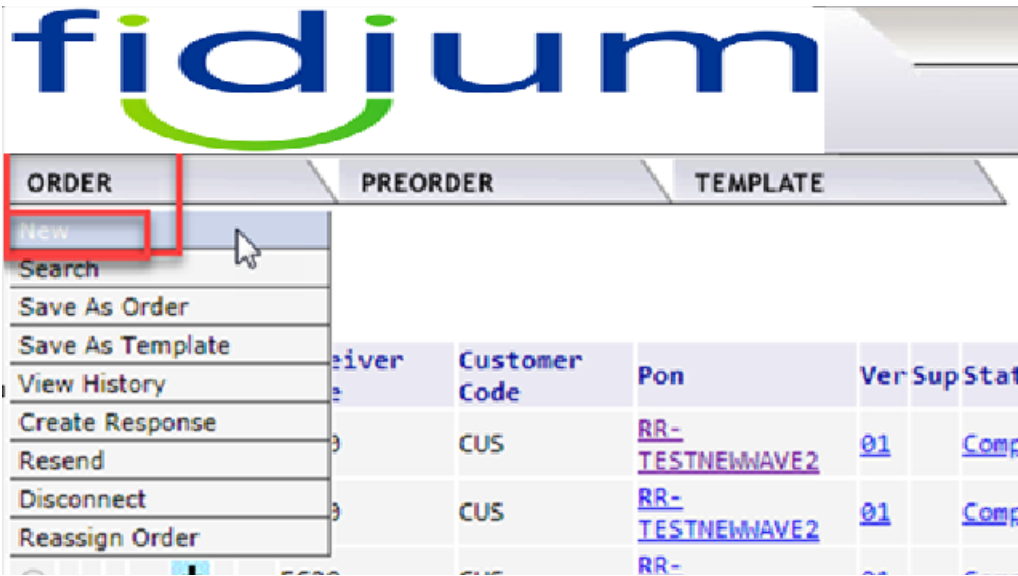
NC	NCI	SECNCI	Description
PIFP	02WLF	02WLF	100G- Protected wavelength path (2 fiber Network Protect if no 1+1 protection)
PIFP	04WLF	04WLF	100G Protected wavelength path & card protection (4 Fiber 1+1 Protection)

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Fidium
Wave Service
(Fidium-DWDM)
Example Orders

Point to Point (REQTYP- ED)

In VFO go to the ORDER Tab and click on NEW



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When the order Initiation use the following fields

- Receiver Code= **See ICSC Chart on Page 5**
- Service Type- **EUSA-2 Point**
- Activity= **N**

Order Initiation

Managed ESP

FAIRPOINT_NNE

Order Number

EXAMPLE WAVE SERVICE

☐ Tracking

Receiver Code

EC20

Enhanced Communications of Northern New England Inc

Version

01

Guideline Version

55

Type of Request

Firm Order

Service

EUSA-2 Point

Activity

--Select One--

Template

--None Available--

Initiate

Cancel



[ICSC Codes](#)

Required Fields on ASR

ASR Tab / Section	ASR field entry value
ICSC	XXXX
CCNA	Customer Name Abbreviation
Project	Optional
DDD	45 Business Days
REQTYP	ED
QSA	2
ACT	N
RTR	S or F
CKR	Optional
PIU	100
QTY	1
BAN	BAN or E
SPEC	NSPLS
REMARKS	EX: New 10G FIDIUM-DWDM Single Mode fiber
Bill Section	
BILLNM	Customer Name
ACNA	XXX
FUSF	N or E
BILL_STR	Billing Address
BILL_CITY	Billing Address
BILL_STATE	Billing Address
BILL_ZIP	Billing Address
BILLCON	Bill Contact
BILLCON_TEL	Bill Contact TN
VTA	Required from Contract
VTAI	A
Contact Section	
INITIATOR	Input your name
INITIATOR_TEL	Input your contact telephone #
INIT EMAIL	xxxxxxxxxx
DSGCON	Input name
DSGCON_TEL	Input telephone #

DSGCON_Email	xxxxxxxx
IMPCON	Input depart , duty tech or name
IMPCON_TEL	Input telephone #

The fields **required** to be populated on the END USER TAB:

Circuit Detail Section	
NC (Transport)	See NC Codes
NCI (Transport)	See NC Codes
SECNCI (Transport)	See NC Codes
Primary Location Section	
PRILOC	E
S25 (Transport)	NA
GETO	W if inside wiring is required
Secondary Location Section	
SECLOC (Transport)	E
S25	NA
GETO	W if inside wiring is required
Service Address Location Form (SALI) 1	
REF NUM	001
PI	Y
SANO	999
SASN	Any Street
SATH	St
LD1	Location Designator 1 (if applicable)
LV1	Location Value 1 (if applicable)
LD2	Location Designator 2 (if applicable)
LV2	Location Value 2 (if applicable)
City	ABC
State	ANY
ZIP	00000
AAI	And additional information for address
JS	EX: D
LCON	Local Contact required
ACTEL	Local Contact Tel # required

LCON Email	Local Contact Email required
------------	------------------------------

The fields **required** to be populated on the SALI tab LOC 2:

Service Address Location 2	
EUNAME	Any Place
SANO	999
SASN	Any
SATH	Way
LD1	Location Designator 1 (if applicable)
LV1	Location Value 1 (if applicable)
LD2	Location Designator 2 (if applicable)
LV2	Location Value 2 (if applicable)
CITY	ANYTOWN
STATE	XX
ZIP	99999
AAI	Any additional information on address
JS	EX: D
LCON	Local Contact
ACTEL	Access Telephone Number
LCON EMAIL	LCON email

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Fidium Wave Service (FIDIUM-DWDM) Example Order:

- REQ TYP- SD (with ACTL)
- Service Type- SA-2 Point

Order Initiation

Managed ESP	FAIRPOINT_NNE	
Order Number	EXAMPLE WAVE SERVICE	☐ Tracking
Receiver Code	EC20	Enhanced Communications of Northern New England Inc
Version	01	
Guideline Version	55	
Type of Request	Firm Order	
Service	SA-2 Point	
Activity	N	
Template	--None Available--	



Remember to use the applicable ICSC for you location

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1. The fields **required** to be populated on the ASR tab are below.

ASR Tab / Section	ASR field entry value
ICSC	XXXX
CCNA	Customer Name Abbreviation
Project	CCNA-FIDIUM-DWDM (EX: ABC-FIDIUM-DWDM)
DDD	20 Business Days
REQTYP	SD
ACT	N
RTR	S or F
Customer	Company Name
CKR	Optional
PIU	100
QTY	1
BAN	FRP-ENH-5000 (example) New BAN or CES BAN
QSA	1
SPEC	NSPLS
ACTL	ACTL CLLI Code
REMARKS	EX: 10G FIDIUM-DWDM
Bill Section	
BILLNM	Customer Name
ACNA	XXX
FUSF	N or E
BILL_STR	Billing Address
BILL_CITY	Billing Address
BILL_STATE	Billing Address
BILL_ZIP	Billing Address
BILLCON	Bill Contact
BILLCON_TEL	Bill Contact TN
VTA	Required from Contract
VTAI	A
Contact Section	
INIT	Input your name
INITIATOR_TEL	Input your contact telephone #
DSGCON	Input name
DSGCON_TEL	Input telephone #
IMPCON	Input depart , duty tech or name
IMPCON_TEL	Input telephone #

The fields **required** to be populated on the Transport tab:

Circuit Detail	
NC (Transport)	See NC Codes
NCI (Transport)	See NC Codes
SECNCI (Transport)	See NC Codes
S25 (Transport)	NA
SECLOC (Transport)	E
CCEA	Cross Connect if Collocation

The fields **required** to be populated on the SALI tab:

Service Address Location Form (SALI)	
REFNUM	0001
EUNAME	Any Place
SANO	999
SASN	Any
SATH	Way
LD1	Location Designator 1 (if applicable)
LV1	Location Value 1 (if applicable)
LD2	Location Designator 2 (if applicable)
LV2	Location Value 2 (if applicable)
CITY	ANYTOWN
STATE	XX
ZIP	99999
AAI	Any additional information on address
LCON	Local Contact
ACTEL	Access Telephone Number
LCON EMAIL	LCON email



CCEA required if Collocated ACTL

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CIRCUIT ID

Both states will display in the circuit ID for IPLS circuits. LOC A will be the Prefix of the Circuit ID and LOC Z will be identified after the Serial Number.

14/**PIXX**/123456//FBCC

The Service Code will be the 1st two characters of the **NC** Code

The Modifier will be **XX** for all speeds

Wave with Protection

Circuit ID with Wave Protection

14/**PIXH**/123456//FBCC

Trouble Ticket

Trouble tickets can be entered through VFO TA option.

None of the FIDIUM-DWDM facilities will be monitored on behalf of the customer. The customer will need to notify Fidium of an outage and open a ticket for troubleshooting and repair within Remedy.

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