MID-SPAN FIBER MEET (MSFM)

Contents

Jurisdiction: All
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Purpose

This document will describe the Mid-Span Fiber Meet product and define the ordering process to issue service orders for provisioning and billing.

Product Description

- MSFM is an optical fiber network architecture connection installed between Ziply Fiber and a CLEC. *(Fiber only)*

- MSFM is a network architecture that supports optical rates of OC3, OC12 and OC48. *(Fiber only)*

- MSFM is constructed and maintained by both Ziply Fiber and the CLEC.

- MSFM is used by both Ziply Fiber and the CLEC to connect their networks for the purpose of exchanging Local Interconnection traffic.

- Terms and conditions are mutually negotiated and agreed to by Ziply Fiber and the CLEC.

How to Request MSFM

CLEC expresses interest in MSFM architecture by contacting their Account Manager (AM). AM determines the customer is a valid CLEC with a valid Interconnection Agreement including MSFM arrangements.

Note—the MSFM is a jointly negotiated and mutually agreed upon service.

Services Allowed to Ride MSFM

The following services can ride directly on the MSFM:

- DS3
- DS1
- Message trunks
- POVN* *(SPEC = POVNAC)*
- **POVN will be ordered on an individual ASR and only DS1 level POVN can be ordered to ride on a DS3 level MSFM HICAP*
- ***When POVN is ordered, riding an MSFM DS3, no mileage will be billed*

Note: DS3 is not required to order the lower level services.

Traffic Types allowed over MSFM

MSFM is limited to delivery of termination of the following traffic types:

- Termination of 1-way trunked local traffic
- Termination of 2-way trunked local traffic
- InterLATA toll
- Operator Services/Directory Assistance
- 911 traffic
- Access Toll Connecting traffic or jointly provided IXC traffic for IXC's resident in the Ziply Fiber tandem associated with MSFM

Note: UNE traffic cannot be transported over MSFM arrangement

Ordering Requirements

SPEC ENTRY

A unique SPEC (ONFMSF) entry is required when ordering services over the MSFM for billing and tracking purposes. All ASR's associated with MSFM must contain the unique entry of **OFNMSF**

ACTL

The ACTL CLLI code on the ASR must always be identified as a POP CLLI as opposed to a FOT CLLI *(the SONET Fiber-Optic Termination CLLI).*

LTP:

REQTYP "M" ASR's use existing valid values

REQTYP "S" ASR's require an LTP of "GF" (DS3's)

CC:

The CC field should be populated to indicate CLEC

NCI:

The NCI code of the highest level of service for derived circuits will apply.

Example: The NCI code on the ASR will be populated as:

- 04DS9.15
- 04DS6.44

CFA:

The CFA field on the ASR must always be populated. The CFA is required to identify services riding the MSFM.

Meet-Point Orders

Following are the rules for meet-point:

- Trunk orders should be processed as **wholly provided** ASR's.
- Meet-point (or transiting ASR's) ***cannot*** be submitted as LTR ASR's.
- All meet-point request must be submitted as a separate T1 and Trunk order *(the 2 orders should be RPON'd together)*

Augments

If a decision is made to augment the MSFM, then Ziply Fiber must evaluate this as a new MSFM request to determine if this is the most efficient means of Interconnection. A new MOU would have to be signed.

NC/NCI Combinations

DS3

Service Type and Class of Service	NC	NCI	SECNCI
Muxed DS3 w/28 DS1 channels AMI Only; COS = EGWOX	HF-M	04DS9.15 04DS6.44	N/A
Mused DS3 w/28 DS1 channels B8ZS or AMI; COS = EGWOX	HFZM	04DS9.15 04DS6.44	N/A

DS1

Service Type and Class of Service	NC	NCI	SECNCI
Muxed DS1 w/SF & AMI	HC-M	04DS9.15 04DS6.44	N/A
Muxed DS1 w/ESF & AMI	HCDM	04DS9.15 04DS6.44	N/A
Muxed DS1 w/ESF & B8ZS	HCEM	04DS9.15 04DS6.44	N/A
Muxed DS1 w/SF & B8ZS	HCZD	04DS9.15 04DS6.44	N/A
DS1 w/SF & AMI (terminated on a digital switch)	HC-D	04DS9.15 04DS6.44	N/A
DS1 w/SF & AMI (terminated on a digital switch)	HCDD	04DS9.15 04DS6.44	N/A
DS1 w/SF & AMI (terminated on a digital switch)	HCED	04DS9.15 04DS6.44	N/A
DS1 w/SF & AMI (terminated on a digital switch)	HCVD	04DS9.15 04DS6.44	N/A

DS0 (Trunks)

Service Type and Class of Service	NC	NCI	SECNCI
Message Trunks	HC-M	04DS9.15 04DS6.44	N/A

Change Log

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