

1 **Table 8A-1—Tunnel entrance rule at the ingress of Bridge X, port 3**

Conditions	Actions
1. <u>DST_ADDR</u> == SP_DA 2. ETH_TYPE_LEN == SP_type 3. <u>XPDU</u> .SUBTYPE == OAM_subtype	1. REPLACE( <u>DST_ADDR</u> , S ) 2. REPLACE( ETH_TYPE_LEN, VLC_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs (see <a href="#">Error! Reference source not found.</a> ) OAM_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) S – MAC address of Station S.	

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 3 **Table 8A-2—Tunnel exit rule at the egress of Bridge Y, port 0**

Conditions	Actions
1. <u>DST_ADDR</u> == S 2. ETH_TYPE_LEN == VLC_type 3. <u>VLC</u> .SUBTYPE == OAM_subtype	1. REPLACE( <u>DST_ADDR</u> , SP_DA ) 2. REPLACE( ETH_TYPE_LEN, SP_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs (see <a href="#">Error! Reference source not found.</a> ) OAM_subtype – Subtype value identifying OAM payload (see <a href="#">Error! Reference source not found.</a> ) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) S – MAC address of Station S.	

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 Deleted: S  
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4 **Table 8A-3—VLC tunnel entrance rule at the ingress of Bridge Y, port 0**

Conditions	Actions
1. <u>DST_ADDR</u> == SP_DA 2. ETH_TYPE_LEN == SP_type 3. <u>XPDU</u> .SUBTYPE == OAM_subtype	1. REPLACE( <u>DST_ADDR</u> , M ) 2. REPLACE( ETH_TYPE_LEN, VLC_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs (see <a href="#">Error! Reference source not found.</a> ) OAM_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3)	

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M – MAC address of Manager M.

**Table 8A-4—VLC tunnel exit rule at the egress of Bridge X, port 3**

Conditions	Actions
1. <u>DST_ADDR</u> == M 2. <u>ETH_TYPE_LEN</u> == VLC_type 3. <u>VLC_SUBTYPE</u> == OAM_subtype	1. REPLACE( <u>DST_ADDR</u> , SP_DA ) 2. REPLACE( <u>ETH_TYPE_LEN</u> , SP_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs (see <a href="#">Error! Reference source not found.</a> ) OAM_subtype – Subtype value identifying OAM payload (see <a href="#">Error! Reference source not found.</a> ) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) M – MAC address of Manager M.	

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**Table 8A-5—Tunnel entrance rule at the egress of Manager M**

Conditions	Actions
1. <u>DST_ADDR</u> == SP_DA 2. <u>ETH_TYPE_LEN</u> == SP_type 3. <u>XPDU_SUBTYPE</u> == OAM_subtype	1. REPLACE( <u>DST_ADDR</u> , S ) 2. REPLACE( <u>ETH_TYPE_LEN</u> , VLC_type)
NOTE: SP_TYPE – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_TYPE – Ethertype value identifying VLCPDUs (see <a href="#">Error! Reference source not found.</a> ) OAM_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) S – MAC address of Station S.	

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**Table 8A-6—VLC tunnel entrance rule at the ingress of Station S**

Conditions	Actions
1. <u>DST_ADDR</u> == SP_DA 2. <u>ETH_TYPE_LEN</u> == SP_type 3. <u>XPDU_SUBTYPE</u> == OAM_subtype	1. REPLACE( <u>DST_ADDR</u> , M ) 2. CHANGE( <u>ETH_TYPE_LEN</u> , VLC_type)
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs (see <a href="#">Error! Reference source not found.</a> ) OAM_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4)	

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SP\_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3)  
M – MAC address of Manager M.

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2 **Table 8A-7—Tunnel entrance rule at the egress of Manager for OLT OAM messages**

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Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDQ.SUBTYPE == OAM_subtype	1.REPLACE(DST_ADDR, L ) 2.REPLACE( ETH_TYPE_LEN, VLC_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs OAM_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) L – MAC address of OLT	

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**Table 8A-8—Tunnel entrance rule at the egress of Manager for ONU OMCI messages**

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Conditions	Actions
1. SRC_ADDR == LOCAL_MAC_ADDR 2. ETH_TYPE_LEN == VLC_type 3. XPDQ.SUBTYPE == OMCI_subtype	1. REPLACE( DST_ADDR, L )
NOTE: VLC_type – Ethertype value identifying VLCPDUs OMCI_subtype – Subtype value identifying OMCI frames LOCAL_MAC_ADDR – MAC address associated with the port where the Receive process state diagram is instantiated L – MAC address of OLT	

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**Table 8A-9—Tunnel entrance rule at the egress of OLT for OLT OAM messages**

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Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDQ.SUBTYPE == OAM_subtype	1.REPLACE(DST_ADDR, M ) 2.REPLACE( ETH_TYPE_LEN, VLC_type )
NOTE: SP_type – Slow Protocol Ethertype value (see IEEE Std 802.3, 57A.4) VLC_type – Ethertype value identifying VLCPDUs	

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OAM\_subtype – Subtype value identifying OAMPDUs (see IEEE Std 802.3, 57A.4)  
 SP\_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3)  
 M – MAC address of Manager.

**Table 8A-10—Tunnel entrance rule at the egress of OLT for ONU OMCI messages**

Conditions	Actions
1. SRC_ADDR == LOCAL_MAC_ADDR 2. ETH_TYPE_LEN == VLC_type 3. XPDU_SUBTYPE == OMCI_subtype	1. REPLACE(DST_ADDR, M)
NOTE: VLC_type – Ethertype value identifying VLCPDUs OMCI_subtype – Subtype value identifying OMCI frames LOCAL_MAC_ADDR – MAC address associated with the port where the Receive process state diagram is instantiated M – MAC address of Manager.	

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