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

Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDU_SUBTYPE == OAM_subtype	1. REPLACE(DST_ADDR, 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 **Error! Reference source not found.**) 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.	

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

Conditions	Actions
1. DST_ADDR == S 2. ETH_TYPE_LEN == VLC_type 3. VLC_SUBTYPE == OAM_subtype	1. REPLACE(DST_ADDR, 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 **Error! Reference source not found.**) OAM_subtype – Subtype value identifying OAM payload (see **Error! Reference source not found.**) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) S – MAC address of Station S.	

Table 8A-3—VLC tunnel entrance rule at the ingress of Bridge Y, port 0

Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDU_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 (see **Error! Reference source not found.**) 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 M.

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

Conditions	Actions
1. DST_ADDR == M 2. ETH_TYPE_LEN == VLC_type 3. VLC_SUBTYPE == OAM_subtype	1. REPLACE(DST_ADDR, 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 **Error! Reference source not found.**) OAM_subtype – Subtype value identifying OAM payload (see **Error! Reference source not found.**) SP_DA – Destination MAC address associated with Slow Protocols (see IEEE Std 802.3, 57A.3) M – MAC address of Manager M.	

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

Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDU_SUBTYPE == OAM_subtype	1.REPLACE(DST_ADDR, 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 **Error! Reference source not found.**) 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.	

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

Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDU_SUBTYPE == OAM_subtype	1.REPLACE(DST_ADDR, M) 2.CHANGE(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 **Error! Reference source not found.**) 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 M.

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

Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDU_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	

3 **Table 8A-8—Tunnel entrance rule at the egress of Manager 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, 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	

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

Conditions	Actions
1. DST_ADDR == SP_DA 2. ETH_TYPE_LEN == SP_type 3. XPDU_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	

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.	