The following text is associated with comment 886 submitted against D1.3

- - -

66.x.y Operations, Administration and Maintenance

All P2P and emulated P2P links, including all of the EFM network media segments, support the optional OAM sublayer as defined in Clause 57.

66.x.y.z Unidirectional links

Prior to EFM, compliant 100 Mb/s, 1000 Mb/s and 10 Gb/s PCS implementations are not capable to encoding and transmitting data while one direction of the link is non-operational. Some newer physical layer devices support the optional ability to encode and transmit data while one direction of the link is non-operational. This capability is indicated by the management register bit 1.7 Unidirectional OAM Ability found in Table 22-8. This feature is enabled via the management register bit 0.1 Unidirectional OAM Enable found in Table 22-7. This bit should only be set when the OAM sublayer is present and enabled. Otherwise, MAC Client frames will be sent across a unidirectional link potentially causing havoc with bridge and other higher layer protocols.

66.x.y.z Active and Passive modes

A device may be configured to be in either Active or Passive OAM mode. One end of a given link is required to be in Active mode.

In an access network, customer premises devices will commonly be configured as Passive devices. All other devices in an access network will commonly be configured as Active devices. For a detailed description of Active and Passive mode, refer to 57.2.6.

- - -