Proposal for Revised Text for 802.1ASds/D0.1, 8.5.1 to Address Comment #35 of TG Ballot

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Proposal for revised text for 8.5.1 to address comment #35 against P802.1ASds-D0.1:

8.5 Ports

8.5.1 General

The PTP Instances in a gPTP domain interface with the network media via physical ports. gPTP defines a logical port, i.e., a PTP Port, in such a way that communication between PTP Instances is point-to-point or, in the case of an HDE link (see Clause 19), point-to-multipoint. A logical port consists of one PortSync entity and one media-dependent (MD) entity. Multiple PTP Ports can be associated with a single physical port. even over physical ports that are attached to shared media. One For shared media, there are several possibilities:

a) one logical port, consisting of one PortSync entity and one media-dependent (MD) entity, is can be instantiated for each PTP Instance with which the PTP Instance communicates, i.e., the PTP communication paths are logically point-to-point even though the physical port is attached to a shared medium (see, for example, Clause 16); or

b) the PTP communication path can be logically point-to-multipoint, e.g., for an HDE link. For shared media, multiple logical ports can be associated with a single
physical port.

Unless otherwise qualified, each instance of the term *port* refers to a *logical port*.

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