

IEEE 802.3 Ethernet Working Group Liaison Communication

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Source: IEEE 802.3 Working Group¹

Subject: Liaison reply to IEEE 1904.1 from IEEE 802.3: multicast LLID for EPON

Date: 11th November 2010

From: David Law, Chair, IEEE 802.3 Ethernet Working Group dlaw@hp.com

Approval: Agreed to at IEEE 802.3 Plenary meeting, Dallas, TX, USA, 11th November 2010

Dear Mr. Kramer,

Thank you for your letter dated 27 October 2010 concerning the issue of multicast LLIDs in IEEE Std 802.3 EPON systems.

We recommend that any changes in the ONU LLID filtering rules be made in a manner that is backward compatible to enable new products to implement such changes while not affecting the compliance of existing solutions.

We anticipate that a PAR will be forwarded by the IEEE 802.3 Working Group to initiate the revision of IEEE Std 802.3-2008. If approved, the revision process should open early in 2011. We recommend that any proposed changes to the ONU LLID filtering rules, such as those described in your letter, be submitted in the form of technical comments against the base text of the current standard during the anticipated revision process. Such comments should include the proposed textual changes to the appropriate EPON clauses. Any member of the IEEE 802.3 Working Group can submit comments on this topic. This approach will ensure due consideration of the topic within the 802.3 Working Group and offers the shortest path to resolution.

The development of the MPCP included extensive liaison exchange with the IEEE 802.1 WG and we suggest that the IEEE 802.1 WG is included in the further process.

Sincerely,

David J. Law

Chair, IEEE 802.3 Ethernet Working Group

¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802