

IEEE 802.3 Ethernet Working Group Liaison Communication

To: Jonathan Sadler, OIF Technical Committee Chair <liaisons@oiforum.com>
CC: Mr. Paul Nikolich, Chair, IEEE 802 LMSC <p.nikolich@ieee.org>
Mr. Adam Healey, Secretary, IEEE 802.3 Ethernet Working Group <adam.healey@lsi.com>
Mr. Wael Diab, Vice Chair, IEEE 802.3 Ethernet Working Group
Chair, IEEE 802.3 Maintenance Task Force <wdiab@broadcom.com>
From: IEEE 802.3 Ethernet Working Group¹
Subject: Liaison reply to OIF liaison letters:

- May 4, 2012, "OIF MLG Project"
- May 4, 2012, "CEI-56G-VSR Project"
- May 15, 2012, "OIF CEI-28G-VSR Project"
- July 14, 2012, "OIF Multi-link Gearbox (MLG) 2.0 Project"

Date: July 19, 2012
Approval: Agreed to at IEEE 802.3 Plenary meeting, San Diego, CA, July 19, 2012

Dear Jonathan,

The IEEE 802.3 Working Group would like to thank the OIF for its liaison letters with accompanying presentations and draft documents. All of these projects represent exciting developments for the networking industry.

The IEEE 802.3 Working Group would also like to inform you that the IEEE 802.3 Industry Connections Ethernet Bandwidth Assessment Ad hoc completed its charter at the IEEE 802 July Plenary, as its assessment report was approved by the IEEE 802.3 Working Group. The assessment is publicly available for download at http://www.ieee802.org/3/ad_hoc/bwa/BWA_Report.pdf. Please note that a supporting tutorial presentation was given during the week of the IEEE 802 July Plenary, and is available for download at http://www.ieee802.org/802_tutorials/2012-07/BWATutorial_D1_12_0716.pdf.

The findings of the IEEE 802.3 Industry Connections Ethernet Bandwidth Assessment Ad hoc demonstrate that the bandwidth requirements of multiple application spaces are continuing an exponential climb with the forecast bandwidth required in 2020 predicted to grow to 100x the bandwidth required in 2010. In response to these findings, a new Industry Connections Higher Speed Ethernet Consensus Ad Hoc has been formed. The purpose of the IEEE 802.3 Industry Connections Higher Speed Ethernet Consensus activity will be to build consensus related to initiating a new effort targeting the next speed of Ethernet for wireline applications, which will be used for the evaluation and possible development of a Call-For-Interest for the

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.

next IEEE 802.3 Higher Speed Study Group. It is anticipated that this Ad Hoc will meet at the IEEE 802.3 Interim meeting in Geneva Switzerland, which will be held the week of September 23, 2012. For further details, see <http://www.ieee802.org/3/interims/index.html>.

We appreciate your cooperation in past efforts and look forward to continued dialogue with the OIF.

Sincerely,

David Law
Chair, IEEE 802.3 Ethernet Working Group
<dlaw@hp.com>