

Date October 26, 2016
Subject COBO Liaison to IEEE 802.3
To Paul Nikolich, IEEE 802 Chair (p.nikolich@ieee.org)
David Law, IEEE 802.3 WG Chair (dlaw@hpe.com)
Copy John D'Ambrosia, IEEE 802 Secretary (jdambrosia@ieee.org)
Adam Healey, IEEE 802.3 Vice-Chair (adam.healey@broadcom.com)
Pete Anslow, IEEE 802.3 Secretary (panslow@ciena.com)
From Brad Booth, COBO Chair (brbooth@microsoft.com)
Jeffery Maki, COBO Vice-Chair (jmaki@juniper.net)
Mark Nowell, COBO Secretary (mnowell@cisco.com)

Dear Paul and David,

The Consortium for On-Board Optics (COBO) wishes to share with the members of IEEE 802.3 (Ethernet) Working Group an update on the status of the Consortium and request copies of IEEE P802.3bs D2.2 and P802.3cd D1.1 when available.

Since our last communication in January, COBO has set a goal of creating a module specification that will support 8 x 50 Gb/s and 16 x 50 Gb/s interfaces to enable IEEE 802.3's 400G interface variants. Recently, COBO shared simulation results with the Optical Networking Forum (OIF) on its CEI-56G-VSR specification and a copy of that information is attached for the benefit of the IEEE 802.3 members.

At the September COBO face-to-face meeting, the members voted to initiate a new working group to investigate the support of coherent and coherent-lite modules. This working group may be of interest to those investigating 400G extended reach PMDs as part of NGECDIC ICAID. We will provide further updates as this project progresses.

COBO acknowledges receipt of request for access to the COBO Data Center Networking specification. We hope to be able to share a draft version of the specification prior to IEEE 802.3's January interim meeting.

Thank you for your consideration and we look forward to your response and continued support.

Sincerely,



Brad Booth
President, COBO
www.onboardoptics.org