IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source:	IEEE 802.3 Working Group[1]	
To:	Ron Reuss	VP, Technology Strategy r.reuss@cablelabs.com
CC:	Konstantinos Karachalios	Secretary, IEEE-SA Standards Board Secretary, IEEE-SA Board of Governors sasecretary@ieee.org
	Paul Nikolich	Chair, IEEE 802 LMSC p.nikolich@ieee.org
	Adam Healey	Vice-chair, IEEE 802.3 Ethernet Working Group adam.healey@broadcom.com
	Pete Anslow	Secretary, IEEE 802.3 Ethernet Working Group panslow@ciena.com
	John D'Ambrosia	Chair, IEEE 802.3 New Ethernet Applications Ad hoc jdambrosia@ieee.org
From:	David Law	Chair, IEEE 802.3 Ethernet Working Group dlaw@hpe.com
Subject:	Liaison letter to CableLabs on Ethernet Bandwidth Assessment	
Approval:	Agreed to at IEEE 802.3 interim meeting, Spokane, WA, USA, 13 Sept 2018	

Dear Mr. Reuss ,

The IEEE 802.3 Ethernet Working Group would like to inform CableLabs and its members that it has begun the task of updating its 2012 Ethernet Bandwidth Assessment.
This effort will focus on gathering information throughout 2019 that will enable an evaluation of the future bandwidth needs of various Ethernet wireline applications, such as core networks, mobile xHaul networks, access networks, enterprise networks, and computing. Information regarding growth for user connectivity, connectivity rates, and application bandwidth needs would also be appreciated. It should be noted that the role of this assessment will be to gather information, not make recommendations or initiate a new project within the IEEE.

This evaluation will be performed within the IEEE 802.3 New Ethernet Applications (NEA) Ad hoc and will enable the generation of material that can be used for future reference by an appropriate related standards activity. The IEEE 802.3 NEA Ad Hoc operates using both face-to-face and teleconference meetings, at which the Ad Hoc encourages individuals with relevant information to participate and provide input. The group's website is http://www.ieee802.org/3/ad_hoc/bwa2/index.html, and a general overview can be found at http://www.ieee802.org/3/ad_hoc/ngrates/public/18_09/dambrosia_bwa_01_0918.pdf.

[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.

Given recent decisions within the IEEE 802.3 Ethernet Working Group to develop 100 GbE and 400 GbE optical PHYs for operation over DWDM networks, we are reaching out to CableLabs for any information regarding the future bandwidth demands of cable / MSO distribution networks. These networks have been cited as examples needing the referenced PHYs above, which explains our interest in any information related to their future bandwidth requirements.

We look forward to any information that CableLabs would be willing to share with us for this endeavor. If there are any questions, please feel free to contact John D'Ambrosia, Chair, IEEE 802.3 NEA Ad hoc, at jdambrosia@ieee.org.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group