IEEE 802.3 Ethernet Working Group
Liaison Communication

Source:	IEEE 802.3 Working Group[1]	
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Subject:	Liaison letter to ITU-T Study Group 15, ITU-T Study Group 13, and ITU-T Focus Group on technologies for Network 2030 on Ethernet Bandwidth Assessment	
Approval:	Agreed to at IEEE 802.3 interim meeting, Spokane, WA, USA, 13th September 2018	

Dear Mr Trowbridge, Mr Lehmann, Mr Li and members of ITU-T Study Group 15 ITU-T Study Group 13, and ITU-T Focus Group on technologies for Network 2030,

The IEEE 802.3 Ethernet Working Group would like to inform you that it has begun the task of updating its 2012 Ethernet Bandwidth Assessment. This effort will focus on gathering

[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.

information throughout 2019 that will enable an evaluation of the future bandwidth needs of various Ethernet wireline applications, such as core networks, datacenter 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>.

Any data regarding prior or future data throughput trends that you may be able to share with us, such as Report ITU-R M.2370-0, "IMT traffic estimates for the years 2020 to 2030," would be gratefully received.

We look forward to any information that your organization 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