

IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

To: Dr. Katsuhiko Kawazoe President, Innovative Optical and Wireless Network (IOWN) Global Forum
[REDACTED]

CC: Konstantinos Karachalios Secretary, IEEE-SA Standards Board
Secretary, IEEE-SA Board of Governors
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Paul Nikolich Chair, IEEE 802 LMSC
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Adam Healey Vice-chair, IEEE 802.3 Ethernet Working Group
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Jon Lewis Secretary, IEEE 802.3 Ethernet Working Group
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John D'Ambrosia Chair, IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group
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From: David Law Chair, IEEE 802.3 Ethernet Working Group
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Subject: Liaison reply to Liaison from IOWN, dated 10 August 2021

Approval: Agreed to at IEEE 802.3 interim meeting, 30 September 2021

Dear Dr. Kawazoe and Members of IOWN,

The IEEE 802.3 Ethernet Working Group would like to thank the IOWN Global Forum for its recent liaison and its "IOWN GF System and Technology Outlook."

Given IOWN's efforts in identifying technology gaps for the use cases it is considering, we recommend that IOWN's membership review the current list of projects currently underway within IEEE 802.3 at <https://www.ieee802.org/3/>.

The IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group may be of particular interest to IOWN. The Study Group has been meeting throughout the year considering beyond 400 Gb/s Ethernet. The Study Group webpage and the proceedings of the meetings may be found at <<http://www.ieee802.org/3/B400G/index.html>>. The list of currently adopted objectives, pending approval by the IEEE 802.3 Working Group, may be found at https://www.ieee802.org/3/B400G/proj_doc/objectives_b400g_210826.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.

It is anticipated that the approved output of the IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group will result in the formation of the IEEE P802.3df Task Force with the first Task Force meeting likely to happen in January 2022. At that time the new Task Force will begin its work on developing the new amendment to address 800 Gb/s Ethernet and 1.6 Tb/s Ethernet specifications, as well as developing new physical layer specifications for 200 Gb/s and 400 Gb/s Ethernet.

We wish to point out that all IEEE 802.3 activities are open to any individuals interested in participating and all contributions are public.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group