

IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

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From: David Law Chair, IEEE 802.3 Ethernet Working Group
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Subject: Liaison to OIF, Response to "800LR IA Project update" dated 17 January 2023
Approval: Agreed to at IEEE 802.3 Plenary Meeting, 16 March 2023

Dear Mr. Otto and members of the OIF,

At the IEEE 802 March 2023 Plenary, the IEEE P802.3df draft (D2.0) was approved to proceed to the next stage of balloting, known as "Working Group Ballot." We are happy to provide you with the current copy of IEEE P802.3df draft D2.0. We believe that changes within Clauses 171, 172, and 173 may be of interest to the 800G LR IA project.

Additionally, the IEEE P802.3dj Task Force met at the March 2023 Plenary and continued its baseline selection process. Meeting materials may be found at https://www.ieee802.org/3/dj/public/23_03/index.html.

The project objectives were updated, and may be found at https://www.ieee802.org/3/dj/proidoc/objectives_P802d3dj_230316.pdf. Please note that the following objective, which is of interest to the 800G LR IA project:

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.

"Define a physical layer specification that supports 800 Gb/s operation over a single SMF in each direction with lengths up to at least 10 km,"

was replaced with two new objectives:

"Define a physical layer specification that supports 800 Gb/s operation over 1 wavelength over a single SMF in each direction with lengths up to at least 10 km"

"Define a physical layer specification that supports 800 Gb/s operation over 4 wavelengths over a single SMF in each direction with lengths up to at least 10 km."

We look forward to the continued collaboration between our two groups. Individuals interested in participating in the work of the P802.3df Task Force may find further information at <https://www.ieee802.org/3/df/index.html>. Individuals interested in participating in the work of the P802.3dj Task Force may find further information at <https://www.ieee802.org/3/dj/index.html>.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group