

IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

To: Karl Bois Technical Committee Chair, OIF
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From: David Law Chair, IEEE 802.3 Ethernet Working Group

Subject: Reply to Liaison from OIF, "Relevant data to Transmitter Quality Metric development and validation, dated May 12, 2025"

Approval Agreed at IEEE 802.3 Interim meeting, New Orleans, LA, USA, 15 May 2025

Dear Mr. Bois and members of OIF,

The IEEE 802.3 Working Group would like to thank you for the recent liaisons and test data that was shared. This data will be helpful to the IEEE P802.3dj Task Force, as it continues its analysis and refinement of the Extended Transmitter Constellation Closure (ETCC) specification, which is integral to the coherent PHYs that are part of the project.

At the IEEE 802.3 May 2025 Interim, the IEEE P802.3dj draft (D2.0) was approved to proceed to the next stage of balloting, known as "Working Group Ballot." We have attached IEEE P802.3dj D2.0 for your reference.

We would also like to note that the IEEE P802.3dj project introduces the new normative capability, "Inter-sublayer link training (ILT) for electrical and optical interfaces." We wish to bring to your attention **"Annex 178B (normative) Inter-sublayer link training for electrical and optical interfaces."** We would recommend that you consider the implications of ILT on your electrical, optical, and management specifications.

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.

For further information on task force activities, please see
<https://www.ieee802.org/3/dj/index.html>.

Sincerely,

David Law
Chair, IEEE 802.3 Ethernet Working Group

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