

IEEE 802.3 Ethernet Working Group  
**DRAFT** Liaison Communication

Source: IEEE 802.3 Working Group<sup>1</sup>

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From: David Law Chair, IEEE 802.3 Ethernet Working Group

Subject: Response to ITU-T SG15, SG15-LS10, LS/r on TQM and B400G

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

Dear Mr. Parsons and members of ITU-T Study Group 15,

The IEEE 802.3 Working Group would like to thank you for your recent liaison regarding the update on your work on using Extended Transmitter Constellation Closure (ETCC) as a transmitter quality metric (TQM) and sharing the draft of G.698.2.

IEEE 802.3 continues our work on ETCC with some investigation into validating the specification against some industry test data, including the OFC 2025 Plugfest data recently shared with both of our organizations by the OIF (OIF2025.266.00.zip). We reviewed a contribution which may be of interest to your members  
[https://www.ieee802.org/3/di/public/25\\_05/chaveb\\_3dj\\_02a\\_2505.pdf](https://www.ieee802.org/3/di/public/25_05/chaveb_3dj_02a_2505.pdf).

We look forward to continued conversations on this topic.

Sincerely,

<sup>1</sup> 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.

David Law  
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