

IEEE 802.3 Ethernet Working Group
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: Response to ITU-T SG15, SG15-LS64,
Approval Agreed at IEEE 802.3 Plenary meeting, Bangkok, Thailand, 13 November 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 Extended Transmitter Constellation Closure (ETCC) as a transmitter quality metric (TQM) and for sharing the contribution on the progress of the validation work.

The IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force continues the work on ETCC. We have made some changes to the ETCC methodology with respect to the process for de-embedding the reference receiver implementation penalty. This was based on the contribution: https://www.ieee802.org/3/dj/public/25_11/temprana_3dj_01a_2511.pdf. We would like to draw your attention to these changes in IEEE P802.3dj draft D2.3, which has been shared separately.

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.

We thank you for your continued collaboration and look forward to continued conversations on this topic.

We also thank you for sharing the new draft of Rec. ITU-T G.698.2.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group