

IEEE 802.3 Ethernet Working Group
LMSC REVIEW DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

To: Glenn Parsons Chair, ITU-T SG15
[REDACTED]
Hiroshi Ota Advisor, ITU-T SG15
[REDACTED]
Fabio Cavaliere Rapporteur ITU-T Q6/15
[REDACTED]
Shikui Shen Associate Rapporteur ITU-T Q6/15
[REDACTED]

CC: Alpesh Shah Secretary, IEEE-SA Standards Board
Secretary, IEEE-SA Board of Governors
[REDACTED]
James Gilb Chair, IEEE 802 LMSC
[REDACTED]
Adam Healey Vice-chair, IEEE 802.3 Ethernet Working Group
[REDACTED]
Jon Lewis Secretary, IEEE 802.3 Ethernet Working Group
[REDACTED]
John D'Ambrosia Chair, IEEE P802.3dj Task Force
[REDACTED]
Mark Nowell Vice-Chair, IEEE P802.3dj Task Force
[REDACTED]

From: David Law Chair, IEEE 802.3 Ethernet Working Group
[REDACTED]

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 Optical Fiber Communications Conference and Exhibition (OFC) 2025 Plugfest data recently shared with both of our organizations by the OIF. We reviewed a contribution which may be of interest to your members (see https://www.ieee802.org/3/dj/public/25_05/chayeb_3dj_02a_2505.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.

We look forward to continuing conversations on this topic.

Sincerely,
David Law
Chair, IEEE 802.3 Ethernet Working Group