IEEE 802.3 Ethernet Working Group
<mark>DRAFT</mark> Liaison Communication

Source:	IEEE 802.3 Working Group[1]	
To:	Glenn Parsons	Chair, ITU-T SG15
	Hiroshi Ota	Advisor, ITU-T SG15
	Fabio Cavaliere	Rapporteur ITU-T Q6/15
	Shikui Shen	Associate Rapporteur ITU-T Q6/15
CC:	Alpesh Shah	Secretary, IEEE-SA Standards Board Secretary, IEEE-SA Board of Governors
	James Gilb	Chair, IEEE 802 LMSC
	Adam Healey	Vice-chair, IEEE 802.3 Ethernet Working Group
	Jon Lewis	Secretary, IEEE 802.3 Ethernet Working Group
	John D'Ambrosia	Chair, IEEE P802.3dj Task Force
	Mark Nowell	Vice-Chair, IEEE P802.3dj Task Force
From:	David Law	Chair, IEEE 802.3 Ethernet Working Group
Subject:	Response to ITU-T SG15, SG15-LS47, LS/r on TQM and B400G	
Approval	<mark>Agreed at IEEE 802.3 Interim meeting, Minneapolis, MN, USA, 18 Sept 2025</mark>	

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 sharing the contribution on progress of the validation work.

IEEE 802.3 continues our work on ETCC. We have made some changes to the ETCC reference receiver, providing an explicit definition for the reference equalizer and adding a reference post-equalizer following carrier phase recovery. We would like to draw your attention to these changes in D2.2, which has been shared separately.

We note your observation that there were differences between the contributions we previously shared with each other. We would note that the information we shared following our May meeting was preliminary, and our validation work is progressing. We expect to share further updates in the future.

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[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.

Sincerely,

David Law
Chair, IEEE 802.3 Ethernet Working Group