



Question(s): 6/15

Geneva, 17- 28 March 2025

LS

Source: ITU-T Study Group15

Title: LS/r on TQM and B400G (reply to IEEE802.3EthernetWG-LS143)

LIAISON STATEMENT

For action to:

For information to: IEEE 802.3

Approval: ITU-T SG15 meeting (Geneva, 28 March 2025)

Deadline:

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Abstract: This liaison provides feedback to [IEEE802.3EthernetWG-LS143](#) on the status of the Transmitter Quality Metrics (TQM) discussion on DP 16QAM 800G.

ITU-T SG15 kindly thanks IEEE 802.3 for their Liaison Statement dated 23 January 2025 that contains a copy of IEEE P802.3dj Draft D1.4, which we reviewed during the SG15 Plenary Meeting in Geneva, 17 – 28 March 2025.

ITU-T SG15 wishes to inform IEEE 802.3 that in this meeting Q6/15 further developed updates to draft revised G.698.2, to include new parameters with related definitions for 800G application codes using ETCC as transmitter quality metric.

Q6/15 thanks IEEE 802.3 for the clarification about the ETCC script and acknowledges there was a misunderstanding. Q6/15 thinks a script would be a useful tool for enabling ETCC as a multi-vendor interoperable metric but no decision has been taken yet. Q6/15 also confirms the intention to act in coordination with IEEE 802.3 on this matter.

We have attached draft revised Recommendation ITU-T G.698.2 that was edited during this meeting.

As Q6/15 progresses its work on a future revision of Recommendation ITU-T G.698.2, to include 800G application codes, we will keep you informed about the status of this activity and will be happy to continue to liaise with the IEEE 802.3 about the progress made.

Attachment TD2R1-WP2.