

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

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Subject: Reply to Incoming Liaison 25N2547, Cabling to Support 25GBASE-T

Approval: Approved at IEEE 802.3 Plenary meeting, Macau SAR, PRC, 17th March 2016

Dear Dr Oehler,

Thank you for your liaison letter 25N2547 dated March 11, 2016, describing good progress on the development of ISO/IEC TR 11801-9905, "Guidelines for the use of installed cabling to support 25GBASE-T application". We appreciate you sending us the first working draft of this document for review and allowing us the opportunity to respond with issues and questions. Attached please find a list of some of the technical comments and questions that our members found during an initial review of the document.

In reviewing the document, it is important that channels are specified to meet the link segment requirements of IEEE P802.3bq across the entire frequency range. Deviation from these principles creates a dual specification for the PHY and a potential interoperability problem. We are concerned that the current working draft of ISO/IEC TR 11801-9905 appears to allow alternate parameter qualification and may relax several of the IEEE P802.3bq link segment specifications.

IEEE P802.3bq draft 3.2 now refers to ISO/IEC TR 11801-9905 both as an informative bibliographical reference and as a set of guidelines that are in development.

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 cooperating with you in progressing ISO/IEC TR 11801-9905.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group