Subject: Reply to Incoming Liaison 25N2461 on 40GBASE-T Return Loss Requirements
Approval: Agreed to at IEEE 802.3 interim meeting, Atlanta, GA, USA, 21st January 2016

Dear Dr Oehler,

Thank you for your liaison on 40GBASE-T Return Loss Requirements. This was considered at the IEEE P802.3 bq Task Force meeting in November 2015. Task Force members decided not to implement a length-dependent requirement to the IEEE P802.3 bq Link Segment specification and, instead, adopted the Return Loss relaxation adopted for Class I & Class II cabling without any length dependence. The requirements in the latest draft of IEEE P802.3 bq are as follows:

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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.
IEEE P802.3bq has now entered its final stage of review, Sponsor Ballot, and is planned to become an approved standard as early as June 2016, or likely no later than September 2016. A copy of the latest draft (D3.1) will be made available for your next meeting. IEEE P802.3bq makes formal reference to ISO/IEC 11801-1 which we hope will become technically stable in that timeframe (preferably FDIS status). We would be grateful if you could provide a status report including the balloting progress of ISO/IEC 11801-1 and a copy of your latest draft.

Sincerely,

David Law
Chair, IEEE 802.3 Ethernet Working Group