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**ISO/IEC JTC 1/SC 25
INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT
Secretariat: Germany (DIN)**

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TITLE: Liaison to IEEE 802.3bz on 2,5/5GBASE-T

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REQUESTED ACTION: --

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ISO/IEC JOINT TECHNICAL COMMITTEE 1
SUBCOMMITTEE No.25: INTERCONNECTION OF
INFORMATION TECHNOLOGY EQUIPMENT
WORKING GROUP 3: CUSTOMER PREMISES CABLING

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Subject: Cabling to Support 2.5/5GBASE-T

Dear David,

Thank you for your liaison from the IEEE 802.3 Working Group regarding 802.3bz development.

At our 29 Feb to 04 Mar meeting in Mexico, we made good progress with ISO/IEC TR 11801-9904 "Guidelines for the use of installed cabling to support 2.5GBASE-T and 5GBASE-T applications". All national comments on the working draft have been resolved and implemented in the attached draft.

We have elevated the status of this document to a Proposed Draft Technical Report (PDTR), which will shortly go for national review and vote. In the case where the PDTR received substantial support, we would forecast its approval as a TR early in 2017.

We would bring your attention to the following aspects of ISO/IEC TR 11801-9904:

Insertion loss requirements for the cabling channel (your link segment) are based on Class D cabling as specified by ISO/IEC 11801:2002 incl. its A1 and A2. These requirements are almost identical to the link segment requirements in 802.3bz D2.0. ISO/IEC 11801 Class D insertion loss requirements are slightly more relaxed at low frequencies (between 1 MHz and about 4 MHz). We ask that you take this into account in 802.3bz.

We would be happy to address any requests or questions you may have.

Sincerely,
Albrecht

Prof. Dr.-Ing. Albrecht Oehler
Convenor ISO/IEC JTC 1/SC 25 WG 3