

IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group¹

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Subject: Update on IEEE P802.3cg 10Mbit/s over Single-pair Ethernet

Approval: Agreed to at IEEE 802.3 Plenary meeting, Orlando, FL, USA, 9th November 2017

Dear Mr Oehler,

Thank you for your liaison of 15th September 2017 "Liaison to IEEE 802.3 regarding 1 Pair cabling".

We are pleased to note ISO/IEC JTC 1/SC 25/WG 3's announcement of the development of generic cabling standards for single pair applications for enterprise and industrial environments, as well as distributed building services.

With regards to the request for consideration of measurement difficulties from 0.1 MHz to 1 MHz, the IEEE P802.3cg Task Force is taking this issue into consideration. We have attached a copy of the most recent draft of IEEE P802.3cg and welcome contributions to our Ad Hocs <<http://www.ieee802.org/3/cg/public/adhoc/index.html>> or our January meeting to be held the week of 22nd January 2018 in Geneva, Switzerland <<http://ieee802.org/3/interims/index.html>> to help resolve this issue.

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.

In preparation of its current draft, IEEE P802.3cg has reviewed contributions on measurement and modelling of existing cabling in support of the link segment specification (available at <<http://www.ieee802.org/3/cg/public>>, see, e.g., <http://www.ieee802.org/3/cg/public/Mar2017/diminico_01_0317.pdf>, or earlier <http://www.ieee802.org/3/10SPE/public/Sept2016_Interim/Graber_10SPE_02a_0916.pdf> during the Study Group phase of the project). We invite ISO/IEC JTC 1/SC 25/WG 3 to consider these requirements with respect to the cabling within the scope of ISO/IEC JTC 1/SC 25/WG 3.

IEEE 802.3 Working Group and Task Force meetings are open to all to attend, and we encourage participation by those interested in both our face-to-face meetings and ad-hoc teleconferences. We look forward to your continued cooperation.

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group

(Attachment – IEEE P802.3cg draft 0.3)