

## IEEE 802.3 Ethernet Working Group Liaison Communication

Source: IEEE 802.3 Working Group<sup>1</sup>

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From: David Law [Chair, IEEE 802.3 Ethernet Working Group  
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Subject: Update on IEEE P802.3cg 10Mbit/s over Single-pair Ethernet

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

Dear Dr Oehler,

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

We are pleased to note SC25/WG3'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 0.1MHz to 1MHz, IEEE 802.3cg task force is taking this issue into consideration. We have attached a copy of the most recent draft of IEEE 802.3cg and welcome contributions to our ad hocs or our January meeting (date and location) to help resolve this issue.

In preparation of its current draft, IEEE 802.3cg 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.,

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<sup>1</sup> 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.

[http://www.ieee802.org/3/cg/public/Mar2017/diminico\\_01\\_0317.pdf](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](http://www.ieee802.org/3/10SPE/public/Sept2016_Interim/Graber_10SPE_02a_0916.pdf) during the Study Group phase of the project). We invite SC25 WG3 to consider these requirements with respect to the cabling within the scope of SC25WG3.

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 your continued cooperation,

Sincerely,

David Law

Chair, IEEE 802.3 Ethernet Working Group

(Attachment – IEEE P802.3cg draft 0.3)