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February 8, 2013

From: Robert Jensen, Chair, TIA TR-42, bjensen@youraustinhouse.com

To: David Law, IEEE 802.3 Working Group Chair, dlaw@hp.com
Cc: Wael William Diab, IEEE 802.3 Working Group Vice Chair, wdiab@broadcom.com
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RE: TR-42 Liaison to IEEE 802.3 Working Group

Dear Mr. Law,

Since the last correspondence dated October 5, 2012, TIA TR-42.7, the engineering sub-committee responsible for copper cabling, has been actively developing next generation cabling specifications including channel, link, and component requirements. Attached is a copy of the latest working draft 0.7 that contains the updated specifications for Category 8 cablings.

As stated before, towards the common goal of having cabling specifications that are suitable for Next Generation BASE-T, we welcome any comments and guidance you may offer as we continue development of the cabling specifications.

To reach a better understanding of the Next Generation BASE-T study group objectives and expectations, we especially appreciate your continued inputs regarding the transmission parameters and the bandwidth of the specification.

Please note that the draft contains an equation for insertion loss as a function of length. Although the current draft continues to present the parameters as determined at 50m as a default length, we intend to provide this information on transmission parameters at the reach objective and as a function of length.

We look forward to working with the IEEE 802.3 Working Group to make the Next Generation BASE-T project a success.

Sincerely,

Robert Jensen
Chair, TIA TR-42

Attachments: TR42.7-2013-06-023-Category-8_d0.7_revsOn.pdf