

## IEEE 802.3 100 Gb/s Backplane and Copper Cable Study Group Informal Communication

Source: IEEE 802.3 100 Gb/s Backplane and Copper Cable Study Group<sup>1</sup>  
To: Jonathan Sadler, OIF Technical Committee Chair ([jonathan.sadler@tellabs.com](mailto:jonathan.sadler@tellabs.com))  
CC: Paul Nikolich, Chair IEEE 802 LMSC ([p.nikolich@ieee.org](mailto:p.nikolich@ieee.org))  
David Law, Chair IEEE 802.3 Ethernet Working Group ([David\\_Law@3Com.com](mailto:David_Law@3Com.com))  
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Adam Healey, Secretary IEEE 802.3 Ethernet Working Group ([adam.healey@lsi.com](mailto:adam.healey@lsi.com))  
Subject: Informal communication to xxx from IEEE 802.3 100 Gb/s Backplane and Copper Cable Study Group  
From: John D' Ambrosia, Chair IEEE 802.3 100 Gb/s Backplane and Copper Cable Study Group ([jdambrosia@ieee.org](mailto:jdambrosia@ieee.org))  
Approval: Agreed to at 100Gb/s Backplane and Copper Cable Study Group meeting, January 13, 2011

Dear Mr. Sadler,

IEEE 802.3 approved the formation of the 100Gb/s Backplane and Copper Cable Study Group in November, 2010 to look into the feasibility of 100G Ethernet over electrical backplanes and twin-axial copper cables. This effort is still in the early stages and is not an approved standards project at this time.

The 100Gb/s Backplane and Copper Cable Study Group is primarily focused on starting a standards development project, including defining project scope, and objectives. Once authorized as a project, the group will become a Task Force. At that time, technology selections will be actively pursued and the group looks forward to working with the OIF to define solutions that are useful to both organizations.

The first meeting of the IEEE 802.3 Backplane and Copper Cable Study Group met January 12 and 13 in Ft. Lauderdale. The group acknowledged the value of the OIF CEI-25G-LR liaison document previously sent to the IEEE 802.3 group and would like to request that an updated draft be provided.

In addition, in support of the study groups' requirement to demonstrate technical feasibility, we would like to request the liaison of any addition OIF contributions that may aid us in the analysis of 25G backplanes and/or signaling.

Or

In addition, the group would like to request the liaison of any OIF contributions that provide the technical basis for the limits defined in the CEI-25G-LR draft interoperability agreement.

Sincerely,

John D' Ambrosia,

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<sup>1</sup> This document solely represents the views of the IEEE 802.3 100 Gb/s Backplane and Copper Cable Study Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.3

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