



October 19, 2009

To: Mr. David Law (IEEE 802.3 Chair)  
From: Mr. Lyndon Ong, OIF TC Chair  
Subject: OIF Common Electrical I/O – 28 Gbps – Short Reach Project  
          OIF Common Electrical I/O – 25 Gbps – Long Reach Project  
cc: Mr. John D'Ambrosia (IEEE P802.3ba Chair)

Dear David,

Thank you for the informal communication from IEEE P802.3ba dated July 20, 2008 expressing support for the OIF CEI-25 project. As part of this project, the OIF PLL WG has been working on the definition of an electrical interface for chip-to-chip and chip-to-optics module applications operating at baud rates up to 28 Gbps, and an electrical interface for backplane applications operating at baud rates up to 25 Gbps. The CEI-28G-SR interface and the CEI-25G-LR interface are intended to be included as additional clauses in a future revision of the "OIF-CEI-02.0 Common Electrical I/O (CEI)" Implementation Agreement. The attached documents are drafts of these clauses and represent work in progress. OIF has included these documents with this liaison letter for the consideration by IEEE 802.3 and IEEE P802.3ba participants.

We expect to conduct a Straw Ballot on these documents according to OIF Technical Committee operating procedures during the period of Nov. 6, 2009 to Dec. 4, 2009. We recognize that many IEEE 802.3 participants are employed by member companies of OIF, and we encourage that these participants submit comments through their company's OIF voting representative. However, we will also welcome comments from non-members of the OIF for consideration. Non-member comments may be submitted by email to [cei25comments@oiforum.com](mailto:cei25comments@oiforum.com) by Dec. 4, 2009.

OIF is planning to host a CEI-25 Workshop on Feb. 1, 2010 in the San Francisco Bay Area. Details of this Workshop will be announced in the near future. This Workshop will be open to both OIF members and non-members, and we encourage interested parties from IEEE 802.3 to participate. The agenda of the workshop will be partially determined based on comments received.

Best regards,

A handwritten signature in blue ink, appearing to read "Lyndon Ong", is positioned above the printed name.

Lyndon Ong  
OIF Technical Committee Chair

Attachment: oif2008.029.07, oif2008.161.07