



March 15, 2010

To: Mr. David Law (Chair, IEEE 802.3 Working Group)
From: Mr. Lyndon Ong, OIF TC Chair
Subject: OIF Common Electrical I/O – 28 Gbps – Very Short Reach Project
cc: Mr. John D'Ambrosia (Chair, IEEE P802.3ba Task Force), Mr. Adam Healey, Mr. Dave Stauffer (OIF PLL WG Chair)

Dear David,

As previously communicated, the OIF initiated the OIF-CEI-28G-VSR project at its Q1 2010 meeting. Given the industry interest in this effort, the OIF decided to continue its forward progress by holding a conference call on March 4, 2010.

In the spirit of open communications between our two groups, the OIF is providing OIF2010.092.03 (see attachment), which was given at this conference call. This presentation provided an overview on initial thoughts of the technical aspects of this project, including:

- An optics roadmap for single-mode and multi-mode optical modules
- An initial channel budget proposal for CEI-28G-VSR
- Connector crosstalk requirements, which the OIF recognizes may be of value for Ethernet applications focused on a 4 x 25 Gb/s interconnect scheme.
- The influence of the CEI-28G-VSR on the development of a n x 25 Gb/s twinaxial copper solution.

To ensure that the CEI-28G-VSR is a viable interface for the broad industry, the OIF is asking for the feedback of the IEEE 802.3 Working Group and its membership on this presentation. As the project is in its early stages, the more input and cooperation we can obtain, the more the industry as a whole can benefit.

Best regards,

A handwritten signature in black ink, appearing to read "Lyndon Ong".

Lyndon Ong
OIF Technical Committee Chair

Attachment: oif2010.092.03