July 20, 2008

Source: IEEE P802.3ba Task Force

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Subject: Informal communication: Response to May 12, 2008 Letter "OIF
Common Electrical I/O – 28 Short Reach Project"

Dear Mr. Lyndon Ong and members of Optical Internetworking Forum,

The IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force met the July 15 –
July 17, 2008 week in Denver, Co. This document solely represents the views of
the IEEE P802.3ba Task Force, and does not necessarily represent a position of
either the IEEE or the IEEE Standards Association.

During the task force meeting, two base line proposals that may be of interest to
OIF were adopted that cover: 1) the XLAUI/CAUI PMA Electrical Service
Interface, and 2) a PMD Electrical Service Interface. Both are based on multiple
lanes of 10Gb/s signaling.

The base line proposals adopted for the copper cable PMD and the copper back
plane PMD are also based on multiple lanes of 10Gb/s signaling.

We encourage the OIF to continue efforts in defining the CEI-28G-SR and the
CEI-25G-LR that will identify electrical specifications for 25Gb/s electrical
signaling. This may be applicable to future implementations of 100GBASE-
LR/ER, which is based on a four lane 25Gb/s architecture.

Proceedings for the July, 2008, meeting, as well as minutes of other IEEE P802.3ba 40Gb/s and 100Gb/s Ethernet Task Force meetings, may be found at: http://www.ieee802.org/3/ba/public/index.html

Sincerely,

John D'Ambrosia
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