OIF Liaison : CEI-25 / CEI-28 Projects Ad hoc
Nov 18, 2009 Meeting Notes
Prepared by Steve Trowbridge / John D'Ambrosia

Attendees:
John D'Ambrosia, Force10 Networks (Chair)
Pavel Zivny, Tektronix
Merrick Moeller, Cinch Connectors
Greg LeCheminant, Agilent
Piers Dawe, Independent
Streve Trowbridge, Alcatel-Lucent
Ghani Abbas, Ericsson
Hans Lackner
George Noh, Vitesse
Chris Cole, Finisar
David Lewis, JDSU
Jon Beckwith, UNH-IOL
Mike Li, Altera
Ed Nakomote, Spirent
Dimitris Giannakopoulos, AMCC
John Sawdy, The Siemon Co
Ralf-Peter Braun, DT
Raj Ojha, Gigfire Micro
Rick Pimpinella, Panduit
John Petrilla, Avago
Brian Misek, Avago
Ryan Latchman, Gennum
Steffen Hagene, Tyco
Hidenori Takahashi, KDDI Labs
Farzin Firoozmand, SMI
Farhad Shafai, Sarance
Hirotake Iwadate, Sumitomo
Siddharth Sheth, Netlogic
Paul Vanderlaan, Nexans
Chris DiMinico, Leoni
Charles Cook, Qwest
Sashisekaran Thiagarajan, Ciena
Shawn Searler, AMD
Adam Healey, LSI
Ali Ghiasi, Broadcom
Rick Rabinovich, Alcatel-Lucent
Phil McClay, Zarlink
Hidehiro Toyoda, Hitachi
Hiroshi Hamano, Fujitsu
Song Wu, Xilinx
Larry Green, Ixia

Ishwar Hosagrahar, Texas Instruments
Andre Szczepanek, HSZ / Inphi
Ron Nordin, Panduit
Jiang Ziaofeng, Nokia
Frank Chang, Vitesse
Scott Kipp, Brocade
Mike Dudek, Qlogic
Peter Rautenberg, Nexans
John McDonough, NEC
Rita Horner, Avago
Gary Nicholl, Cisco
Tom Palkert, Xilinx / Luxtera
Myles Kimmitt, Emulex
Wael Diab, Broadcom
David Law, 3COM
Hyungsoo Shin, LS Cable

Meeting convened at 2:06pm, Wed, Nov 18
Chair went over patent policy. Call for patents made. No one came forward.

Chair presented proposed draft response for ad hoc discussion (see
dambrosia_OIF_01b_1109.pdf. from previous ad hoc discussion)

Meeting break at 3:03pm
Reconvened at 3:30pm

Proposed draft response updated per ad hoc discussion– see
dambrosia_OIF_01c_1109.pdf

Presentation: nicholl_OIF_01.pdf
Title: CEI25/CEI-28 Projects Ad Hoc: Some Initial Thoughts for Discussion
Presenter: Gary Nicholl (Cisco)
Some more detail is needed in some of the figures, but the presentation resulted in good
discussion.

Presentation: szczepanek_OIF_01_1109.pdf
Title: CEI-28G-SR Preliminary Channel Analysis
Presenter: Andre Szczepanek (HSZ/Inphi)

Presentation: palkert_OIF_01_1109.pdf
Title: 25G I/O for Ethernet
Presenter: Tom Palkert (Luxtera)
Some points from the presentation were already covered in the discussion of
nicholl_OIF_01.pdf. There was discussion about the Ethernet required signaling rate (one
quarter of 103.125 Gb/s) vs. the 28G specification of OIF. The OIF specification takes

into account the OTU4 application. It was pointed out that the ITU-T SG15 liaison statement described use of the 100GBASE-LR4/ER4 modules for OTU4 client applications running at a slightly higher bit-rate, which brings it closer to the OIF 28G per lane assumption. For the optical budget, the OTU4 includes an RS-8 FEC. Part of the coding gain of this FEC is consumed by the optical difference in bit-rate between Ethernet and OTU4.

An informal poll was taken as to whether there was interest to continue discussions of 25G signaling, and numerous participants raised their hands. The chair encouraged people to get their comments in so that they could be taken into account in planning for the Feb 1 workshop.

Ad hoc adjourned at 4:50pm.