

Electrical Interface Ad-hoc Report

Joel Goergen – Cisco Systems / Vasu Parthasarathy – Broadcom
Version r1
IEEE802.3bs 400GE
January 2015 - Atlanta, GA

Opening

The stated charter is: Work on technical proposals related to the 400GbE Electrical Interfaces.

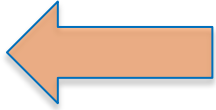
All related work and presentations can be found here:

<http://www.ieee802.org/3/bs/public/adhoc/elect/index.shtml>

Where is IEEE802.3bs 400GE in the Modulation Wars?

The following simplified process steps are used to build consensus:

- Defining / Discussing Reach
- System Architecture
- **Channel Loss**
- **Modulation**
- Equalization
- Error Correction
- Power



We Are About Here

Agenda 20 NOV 2014

ADHOC Agenda

Joel Goergen – Cisco / Vasu Parthasarathy – Broadcom goergen_01_1114_elect

CDAUI-8 C2M Baseline Update

David Brown - Semtech

brown_01_1114_elect

CDAUI-8 C2C Baseline Update

Mike Peng Li – Altera

li_01_114_elect

Activity 4 DEC 2014

ADHOC Agenda

Joel Goergen – Cisco / Vasu Parthasarathy – Broadcom goergen_01_1214_elect

CDAUI-8 C2M Baseline Update

Jeff Twobley – Credo Semi / Tom Palkert - ?

palkert_01_1214_elect

Agenda 18 DEC 2014

ADHOC Agenda	Joel Goergen – Cisco / Vasu Parthasarathy – Broadcom	goergen_02_1214_elect
Systems Perspective	Rick Rabinovich – Alcatel-Lucent / Beth Kochuparambil – Cisco	rabinovich_01_1214_elect
CDAUI-8 C2C Baseline Update	Tom Palkert - MoSys	palkert_02_1214_elect
CDAUI-8 C2M Baseline Update	David Brown – Semtech	brown_01_1214_elect
CDAUI-8 C2C Baseline Update	Mike Li – Altera	li_01_1214_elect

Next Steps to March 2015 IEEE Meeting

- Use the C2C and C2M channels submitted to the P802.3bs and provide a modulation scheme.
- Reach consensus on C2C and C2M coding and signaling methods for the 8 lane interface.
- Request for presentations to complete the tables and charts for the 16 lane interface.