

CAUI-4 ad hoc report

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CAUI ad hoc activity since Phoenix meeting

- 1 CAUI ad hoc call held on April 26th 2013
 - Meeting minutes and presented materials are available on the 40G & 100G CAUI4 adhoc area: <http://www.ieee802.org/3/bm/public/cuadhoc/index.html>
- Highlights:
 - Presentation: A systems perspective: CAUI-4 Chip-to-Chip, (Rick Rabinovich – Alcatel Lucent, Elizabeth Kochuparambil – Cisco). Reviewed application examples where 20dB loss budget is needed, and weighed architecture alternatives with a conclusion to “Define CAUI-4 chip-to-chip insertion loss of 20dB”.
 - Discussion of BER target – reviewed potential paths (1E-12 and 1E-15) with input from system vendors on desirability for 1E-15 to support overall link
- Further work:
 - Continue work on chip-chip and chip to module
 - Resolve TBDs, fine tune parameters and measurement methodologies with particular focus on:
 - Eye height, eye width at specified BER
 - Output waveform and de-emphasis range for CAUI chip-chip transmit specification
 - COM model modifications for chip-chip
- Future meetings: Yes, dates to be announced