

CAUI-4 ad hoc report

Ryan Latchman, MACOM, CAUI ad hoc chair
IEEE P802.3bm, Norfolk, May 2014

CAUI-4 ad hoc activity since Beijing

- CAUI-4 ad hoc calls were held on April 4, April 24
 - Meeting minutes and presented materials are available on the 40G & 100G CAUI4 ad hoc area: <http://www.ieee802.org/3/bm/public/cuadhoc/index.html>
- Highlights:
 - 83D
 - ghiasi_01_040414_caui: Modification to jitter tolerance test to a continuous SJ curve instead of two discrete points.
 - Recommendation to align with 83E, Clause 95
 - mellitz__01_042414_caui: Demonstrated improved performance in DFE based receiver using 93A CTLE
 - 0.5dB to 1dB better COM
 - Recommendation to align with 93A CTLE
 - 83E:
 - mazzini_01_042414_caui: add clarity that both adaptive and programmable CTLE options are acceptable
 - Recommendations:
 - Add optional adaptive support in PICS
 - Add support bit in Clause 45
 - Modify wording
- Further work: Refine proposed modifications to 83D/E
- Future meetings: Yes, May 15th in Norfolk