CAUI-4 ad hoc report

Ryan Latchman, MACOM, CAUI ad hoc chair IEEE P802.3bm, San Diego, July 2014

CAUI-4 ad hoc activity since Norfolk

- CAUI-4 ad hoc calls were held on May 30th, June 6th, June 27th, July 3rd, July 9th
 - 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
 - ran_01_030714_caui: Modification introduce transmit equalizer feedback mechanism via MDIO.
 - Provides standards based mechanism for receivers to communicate recommended settings to transmitters via out of band MDIO register reads/writes
 - Implementation distributed in latchman_01_070914_caui and anslow_01_062714_caui
 - See comment i-9
 - 83E:
 - alessandro_01_07032014_caui: Proposed to increase the recommended CTLE range from +/-1dB to +/-2dB
 - Request to ad hoc for additional simulation results with channel variation
- Further work: Review and finalize Annex 83D/E draft
- Future meetings: Yes, TBD