IEEE P802.3dj/.3df Joint Optics/Logic Track Ad Hoc Report

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Report

- 2 joint optics/logic ad hoc calls since Sept 2024 meeting
  - Oct 17th and 31st (joint optics/logic)
  - 50+ attendee
  - 6 contributions in total
- Minutes for these past ad hocs:
  - Oct 17th (approved) & Oct 31st (not yet approved)
- Next meetings will occur between Nov and Jan TF meetings

Ad hoc

Oct 17<u>th</u>

- "Description of the calculation of the extended transmitter constellation closure (ETCC) for IEEE 802.3dj" presented by Xiang Liu, Huawei
- "Issue with implementation of "full deskew" for Clause 177 (comment #159 against D1.1)", presented by Gary Nicholl, Cisco

Oct 31<u>st</u>

- "Measurements of TDECQ as a function of target SER", presented by John Johnson, Broadcom
- "Proposed Optical parameters for Clauses 182 and 183" presented by Mike Dudek, Marvell
- "Defining the training patterns", presented by Piers Dawe, Nvidia
- ""Full deskew" issue for Clause 177", presented by Xiang He, Huawei

Ad hoc

Key Themes

- Logic topics:
  - Identified and proposed a solution to implementing a full deskew in Clause 177
- Optical topics
  - Continued progress towards defining ETCC for Coherent TQM
  - Discussion and proposals around selecting TDECQ values for inner FEC PMDs
  - Discussion around training patterns

THANKS!