

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

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Report

- 1 joint optics/logic ad hoc calls since July 2024 meeting
 - Aug 29th (joint optics/logic)
 - 50+ attendee
 - 7 contributions in total
- Minutes for these past ad hocs:
 - [Aug 29](#)
- Next meetings will occur between Sept and Nov TF meetings

Ad hoc

Aug 29th

- “Supporting information for D1.1 comments on chromatic dispersion specifications”, presented by John Johnson, Broadcom
- “Transceiver level wavelength distribution statistics for CD spec. discussions”, presented by Ryan Yu, Innolight
- “An in-depth look at PMD and DGD scenarios for 50 Gbaud, 100 Gbaud and 200 Gbaud IMDD links”, presented by Vince Ferretti, Corning
- “Supporting information for D1.1 comments related to 800GBASE-LR1, 800GBASE-ER1/ER1-20 TQM”, presented by John D’Ambrosia, FutureWei
- “DR / DR-x MDI: Support for Breakout(Comments #341 and #342)”, presented by John D’Ambrosia, FutureWei
- “Effects of random and deterministic jitter on FEC performance” presented by Adee Ran, Cisco
- “AUI architecture and ILT signaling”, presented by Matt Brown, Alphawave Semi

Ad hoc

Key Themes

- Fiber topics:
 - Preview of consensus proposal for addressing the chromatic dispersion comments. This is the current culmination of the experts group working this issue in collaboration with ITU-T through liaisons.
 - Additional statistical data in support of above
 - Insights into PMD (polarization mode dispersion) specs and applicability to 200 Gb/s
- Coherent TQM
 - Preview of consensus proposal to adopt the first set of details regarding the TQM methodology and the definition of a reference receiver for that test.

THANKS!