

# 25GE Study Group Optics ad hoc report

Jonathan King, Finisar, 25GE Optics ad hoc chair  
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# 25GE Optics ad hoc activity since November meeting.

- One ad hoc call: December 4<sup>th</sup>, 24 attendees
  - Meeting minutes and presented materials are available on the 25GE website:  
<http://www.ieee802.org/3/25GSG/public/adhoc/optical/index.html>
- Highlights:
- The ad hoc reviewed and revised a draft baseline proposal addressing the objective to define a PHY for 25Gb/s over MMF.
  - The resulting slide deck is [king\\_25GE\\_02\\_0115.pdf](#), to be presented this meeting.
- Further work:
  - Since the draft baseline proposal draws from the specs for a single lane of 100GBASE-SR4 and the 25Gb/s PMD target BER is likely to deviate from  $5 \times 10^{-5}$ , some fine tuning of parameters may be required.
    - The project's choice of FEC, and the division of error budget between 25GBASE-SR and 25G AUI, will determine the pre-FEC BER target, and may affect the exact signaling rate.
- Next meetings: TBD.

*Thank you !*