

25GE Study Group

Optics ad hoc report

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25GE Optics ad hoc activity since July meeting.

- Three ad hoc calls: August 20th, 27th, Sept 3rd 2014, >30 attendees
 - Meeting minutes and presented materials are available on the 40G & 100G FOTF website: <http://www.ieee802.org/3/25GSG/public/adhoc/optical/index.html>
- Highlights:
- The ad hoc has worked on gathering and reviewing support for an objective to define a PHY for 25Gb/s over MMF. The material shows that a 25Gb/s over MMF is expected to be a significant solution serving 25G Ethernet data centers:
 - Enables optimized switch port usage over broad range of server to switch architectures; enables large modular switches with high port counts; and allows otherwise stranded ports to be utilized.
 - Resultant slide deck is [king_25GE_02_0914_optx](#) .
- Scott Kipp presented ‘Comparison & contrast of 25GE and Gen6 Fiber Channel’, which reviewed the 32G FC approach and relevance to 25Gb/s Ethernet optical PMD.
- Further work: TBD.
- Next meetings: TBD.

Thank you !