IEEE 802.3 Closing Report
Call-for-Interest
100 Gb/s per Wavelength Short Reach PHYs

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Agenda

- **Introduction**
  - Mabud Choudhury (OFS)
- **Motivation**
- **Market Drivers**
  - Robert Lingle (OFS)
  - James Young (CommScope)
- **Technical Feasibility**
  - Ramana Murty (Broadcom)
- **Why Now?**
  - Robert Lingle
- **Straw Polls**
  - Mabud Choudhury
Many thanks to those who contributed to building the CFI consensus deck!

Chongjin Xie, Alibaba
David Piehler, Dell EMC
Jonathan King, Finisar
Vipul Bhatt, II-VI
Dale Murray, LightCounting
Ali Ghiasi, Ghiasi Quantum
Mark Gustlin, Cisco

James Young, CommScope
Paul Kolesar, CommScope
Ramana Murty, Broadcom
Yan Zhuang, Huawei
Liang Guo, CAICT
Jie Li, CAICT
Peng Dong, Huawei

The NEA Ad Hoc process continues to be very helpful in building consensus for new projects
Supporters (55 supporters with 38 affiliations)

Jon Lewis – Dell EMC
Yan Zhuang - Huawei
Chongjin Xie – Alibaba
Mike Dudek – Marvell
David Piehler – Dell EMC
Steve Swanson – Corning
James Young – CommScope
Vipul Bhatt – II-VI
Ramana Murty – Broadcom
Paul Neveux – Superior Essex
Paul Kolesar – CommScope
Phong Pham – USConec
Flavio Marques – Furukawa LATAM
Guo Liang – CAICT
Jie Li – CAICT
Peng Dong – Huawei
Dale Murray – LightCounting
Kenneth Jackson – Sumitomo
Ali Ghiasi – Ghiasi Quantum
Carl Rumbolo – Wells Fargo
Rick Pimpinella – Panduit
Vince Ferretti – Corning
Greg LeCheminant – Keysight
Kobi Hasharoni – Dust Photonics
Pavel Zivny – Tektronix
Jose Castro - Panduit
Earl Parsons – CommScope
John Abbott – Corning
Ronald Nordin – Panduit
Chris Cole – II-VI
John Johnson – Broadcom
Masaru Terada – Furukawa Electric
Leon Bruckman – Huawei
David Malicoat – Senko
Jan Filip – Maxim Integrated
Jonathan Ingham – Broadcom
Rich Mellitz – Samtech
Rich Baca – Microsoft
Christophe Metivier - Arista
Jeff Maki – Juniper Networks
Piers Dawe – Mellanox
Mark Nowell – Cisco
Ray Nering – Cisco
Kent Lusted – Intel
Greg McSorley – Amphenol
David Chen – AOI
Tom Palkert – MACOM
Adrian Butter – Marvell
Dean Wallace – Marvell
Peter Stassar – Huawei
John D’Ambrosia – Futurewei, U.S. subsidiary of Huawei
Nathan Tracy – TE Connectivity
Scott Sommers – Molex
Dave Lewis – Lumentum
Hai-Feng Liu – HG Genuine
Straw Poll Results

• Should a Study Group be formed to consider lower cost, short reach, optical PHYs using 100 Gb/s wavelengths?
  • Y: 55  N: 0  A: 10
  • Room Count: 65

• I would participate in the “100 Gb/s per Wavelength Short Reach PHYs Study Group” in IEEE 802.3.
  • Tally: 22

• My company would support participation in the “100 Gb/s per Wavelength Short Reach PHYs Study Group” in IEEE 802.3.
  • Tally: 18
WG Motion

• Move that the IEEE 802.3 Ethernet Working Group authorizes the formation of a study group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for "Lower cost, short reach, optical PHYs using 100 Gb/s wavelengths."

• M: Mabud Choudhury
• S: Kent Lusted
• >50%
• 802.3 Voters Y: 78 N: 0 A: 2
• Motion Passes!