



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

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November 14, 2019

IEEE802 November Plenary, Waikoloa, HI

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!