

# 802.3 Closing Report

## IEEE 802.3 Next Generation 100Gb/s Optical Ethernet Study Group

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Waikoloa, Hawaii – 15, March 2012

# Overview

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- Plenary Meeting highlights
  - 88 People signed the attendance sheet
  - 31 Presentations from various contributors
  - 2.5 days of meetings
- Straw Polls
  - 1 straw poll for attendance were performed
    - Available on our website (March Mtg Minutes)
- Motions
  - 5 motions were passed
  - 2 motions failed
    - one by vote
    - one by lack of a second

# Motion 1

- Request 802.3 extend our Study Group for an additional period of 6 months
- Moved: Dan Dove
- Second: Kapil Shrikhande

–Y: 74

–N: 0

–A: 0

**Unanimous!!!**

# Motion 2

Pending approval by 802.3 and the EC to modify the scope of our SG to include 40G, adopt the following objective:

- Define a 40 Gb/s PHY for operation over at least 40 km of SMF

# Unanimous!!!

Moved: Pete Anslow

Second: Jon Anderson

– **Y: 63**

– **N: 0**

– **A: 14**

802.3 voters only

**Y: 44**

**N: 0**

**A: 9**

# Motion 3

Adopt the following objective:

- Define a 100 Gb/s PHY for operation up to at least 500 m of SMF

**Unanimous!!!**

Moved: Steve Trowbridge

Second: Peter Stassar

– Y: 69

– N: 0

– A: 2

802.3 voters

Y: 49

N: 0

A: 1

# Motion 4

Adopt the following objectives:

- Define a 100 Gb/s PHY for operation up to at least 100 m of MMF
- Define a 100 Gb/s PHY for operation up to at least 20 m of MMF

**97.2%**

- Moved: Jonathan King
- Second: Steve Swanson
  - Y: 69
  - N: 2
  - A: 6

**Passes!!**

802.3 voters

Y: 49

N: 1

A: 3

# Motion 5

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Motion to amend Motion 4 to change 100 m to 150 m

- Moved: Paul Kolesar
- Second: John Abbott

– Y: 16

– N: 47

– A: 14

**25.3% Failed**

# Review Goals for future work

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- Continue working on presentations that support our objectives and likely 5 criteria responses
- Begin development of PAR and 5 criteria responses based upon current objectives and establish a schedule for Task Force completion.
- Pending approval by 802.3 and the EC to re-scope our project to support 40 Gb/s Extended Reach, establish an ad-hoc focused on that effort to develop a “working paper” upon which consensus can be built.



# Straw Poll #1:

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How many of you will attend the **May 14 – 18, 2012**  
Interim in Minneapolis, MN, USA?

SG or TF name: NG100GOPTX

Yes: 43

Probably yes: 14

Probably no: 7

No: 2

**Minimum 43, likely 57, possibly 64**

# 802.3 WG Motion

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- *Move that 802.3 request to the EC that they extend the Next Generation 100G Ethernet Optical Study Group.*
- Moved: Dan Dove
- Second: Kapil Shrikhande

802.3 voters:

–Y:

–N:

–A:

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# Thank You!