

# Motions related to Optical PMD baseline proposals

May 31, 2002

Prepared by: Vipul Bhatt

Vipul\_Bhatt@ieee.org

# About this document

- Optical PMD proposals selected by EFM Task Force as the basis for the first draft of P802.3ah are listed on the web page:

<http://www.ieee802.org/3/efm/baseline/opticsbaseline.html>

- This document provides supporting information to that list. It contains a list of all the relevant motions presented to the EFM Task Force during the meetings held in March 2002 and May 2002.
- This is NOT a list of ALL the motions presented to EFM Task Force. For full details, please refer to the minutes of the March 2002 and May 2002 meetings.

# March 2002

## St. Louis

Note: Motions 1, 2c and 5 were first passed within Optical PMD Sub Task Force. The slide following that is the motion that was passed by the EFM Task Force.

# Motion #1

- The basis for the first draft of the 802.3ah 1000Base-LX extended temperature objective be met with text that uses 1000Base-LX 5km single mode specification (clause 38) as the starting point with the following changes and additions:
  - Informative temperature range  $-40 - +85$  deg C
  - 10km link length
  - Wavelength range = 1260 – 1360 nm
  - Use EFM link budget spreadsheet (v3.1.16) to create triple tradeoff curve for spectral width vs. wavelength vs. OMA
  - Conversion to OMA spec methodology
  - Tx output power (min): -9.5 dBm (ER=9)
  - Rx input (min): -20 dBm (ER=9)
- Moved: Steve Joiner
- Second: Schelto vanDorn
- All Y:            42            N:            0            A: 5
- Motion Passes

# Motion #2c

- The 802.3ah optics sub-task force accepts moving forward with the 2 sets of PON PMDs (4 PMDs) as the baseline proposal for the PON PMD objective, as described by Frank Effenberger's presentation (effenberger\_1\_0302).
- All Y: 35 N: 0 A: 8
- Moved: Frank Effenberger
- Second: Wael Diab
- Motion Passes

# Motion #5

- For the 802.3ah 100BASE-X over single mode fiber objective, at least one PMD should be defined for dual fiber and at least one for single fiber.
- All Y: 35 N: 4 A:10
- Moved: Ulf Jonsson
- Second: Larry Golob
- Motion Passes

# Motion

- 802.3 ah Accept the motions and work of the optics sub task force, including the liaison response to SG-15.
- All Y: 105                                      N: 0                                      A: 11
- .3 Y: 61                                      N: 0                                      A: 6
- Moved: Vipul Bhatt
- Second: Wael William Diab
- Motion Passes

# May 2002

## Edinburgh

Note: The motions described in the next three slides were passed by the EFM Task Force, after they had passed within the Optical PMD Sub Task Force. The voting record within the Optical PMD STF (For-Against-Abstain) was as follows:

Motion 13: 25-2-2

Motion 14: 27-5-2

Motion 15: 23-6-4

# Motion 13

Adopt the proposal described in jonsson\_1\_0502.pdf  
as the basis for the first draft of P802.3ah to meet the  
objective: 100Base-X  $\geq$  10km over SM fiber

M: V. Bhatt

Passed by acclamation

# Motion 14

Adopt the proposal described in Tatum\_1\_0502.pdf as the basis for the first draft of P802.3ah, to meet the objective for 1000BASE-X,  $\geq 10$  km over single SMF.

M: V. Bhatt

Y: 80    N: 1    A: 9

.3 voters: Y: 45    N: 1    A: 8

Passed

# Motion 15

Adopt the proposal described in Tatum\_3\_0502.pdf as the basis for the first draft of P802.3ah as a single fiber solution for 100BASE-X  $\geq$  10 km over SMF objective.

Moved: V. Bhatt

Y: 78 N: 1 A: 15

.3 voters: Y: 46 N: 1 A: 11

Passed