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# **CFI**

## **Report:**

# **10 Gb/s Ethernet on FDDI-grade MM Fiber**

**Bruce Tolley**

# Thanks

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- My thanks and acknowledgement to my co-presenters
  - Jeff Bisberg, Picolight
  - Chris Bryson, Phyworks
  - John Jaeger, Big Bear Networks
- And to the 140 plus attendees Tuesday night

# Why Now

- Lack of broad market availability of 10GBASE-LX4 from multiple vendors
- Other standards bodies are investigating solutions for MM fiber, EDC for extended reach: OIF, FC
- Many companies privately investigating non-standards-based, proprietary solutions

# How

- CFI showed that solutions are being developed by multiple module and IC component vendors
- CFI showed at least two approaches could be viable:
  - Receive equalization (EDC)
  - Tx: launch conditioning + Rx: mode filtering

# CFI Poll

- Should we request 802.3 at this meeting to authorize the formation of a Study Group to develop a standards project proposal (PAR and Five Criteria) for 10GBASE- serial optics to reach 300 meters on installed, FDDI-grade MM fiber?

Y: 116    N: 12            A:28

# Polls

1. How many people in the room?

Total: NA 802.3 voters: 75

2. I would support and participate in this SG

Total individuals: Yes: 56

Total 802.3 voters: Yes: 20

3. My company would support and participate in this study group

Companies: Yes: 40

# CFI's Request for Meeting

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- Request that 802.3 Chair call for an interim meeting of the SG to co-locate at the Vancouver Interim which begins 12 January 2004

# 802.3 Motion

Move that 802.3 authorize the formation of a Study Group to develop a standards project proposal (PAR and Five Criteria) for 10GBASE- serial optics to reach 300 meters on installed, FDDI-grade MM fiber

M: Bruce Tolley, Cisco

S: David Law, 3Com

802.3 Voters:      Y:      52      N:      6      A:7

Passes