CFI Report: 10 Gb/s Ethernet on FDDI-grade MM Fiber

Bruce Tolley
Thanks

• 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

• 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