

Next Generation 100G Optics MMF ad hoc  
17<sup>th</sup> January 2012  
unapproved meeting notes r1

jonathan king

# MMF ad hoc notes, 17<sup>th</sup> January 2012

- 8 am Meeting start, attendee list taken from Webex attendee list
- IEEE patent policy reminder
  - <http://www.ieee802.org/3/patent.html>
- 8.05 Presentations and discussion topics
  - Jonathan King – Standard MPN vs revised MPN model
  - Jonathan King – relative power and cost of 100G SR4 vs SR10
  - John Petrilla - 100G Next Gen SR4 *vis-à-vis* SR10
  
  - Discussion on MPN: Paul Kolesar suggested comparing a 10G-SR example using Petar's model and the standard spreadsheet model to benchmark the expected MPN penalty for each. It was noted that it is just the last part of a link where the models disagree. It was agreed that MPN treatment needs further study.
  - Discussion on relative power and cost of 100G SR4: Scott Kipp said that the relative cost of fibre vs module cost was not correct, Jonathan agreed but noted that when total link cost is considered, the relative fibre cost for unretimed SR10 would be twice that of retimed 100G SR4.
- 9.30 am Meeting end

# Attendees (taken from Webex attendee list)

- Ali Ghiasi, Broadcom
- Jonathan King, Finisar
- Brian Misek, Avago Technologies
- John Petrilla, Avago Technologies
- Schmuel Levy, Mellanox
- Pete Anslow, Ciena
- Paul Kolesar, Commscope
- Piers Dawe, IPtronics
- Vipul Bhatt, Lightwave
- Mike Dudek, Qlogic
- Kapil Shrikhande, Dell
- Jack Jewel, independent
- Ryan Latchman, Mindspeed
- Gary Nichol, Cisco
- Dan Dove, Applied Micro
- Rick Pimpinella, Panduit
- Scott Kipp, Brocade
- Jeff Maki, Juniper
- Phil McClay, TE Connectivity
- Chris Bergey, Wyle Labs