

Next Generation 100G Optics MMF ad hoc  
22<sup>nd</sup> November 2011  
approved meeting notes

jonathan king

# MMF ad hoc notes, 22<sup>nd</sup> November 2011

- 10.00 Roll call
- 10.05 Attendees were reminded of the IEEE patent policy  
<http://www.ieee802.org/3/patent.html>
- 10.06 Introduction and discussion

Discussion was wide ranging and turbulent. Some themes that emerged:

- It is desirable that the MMF ad hoc should develop a set of possible objectives, which can then be judged against the 5 criteria by the study group as a whole.
  - It is desirable that MMF objectives should have supporting work which estimates 'performance' (e.g. % link coverage for data centers), and 'relative cost', and 'relative power burn'. Power consumption and operating costs are significant compared to acquisition cost over a 5 year period.
  - Graphs of relative link cost vs reach, and/or relative power consumption vs reach would be a desirable output from this ad hoc into the main study group.
  - It was felt by at least a few participants that this would help reveal the benefit of 1 or more PMDs to address switch-to-server and switch-to-switch data center applications.
  - It was agreed that a useful first step would be to agree a link distribution against which estimates of % coverage could be made.
  - Paul Kolesar agreed to present a summary of his updated excel based cost calculator model and link distributions.
- 11.00 End

# Attendees

- John Petrilla, Avago Technologies
- David Skirmont, Brocade
- Pete Anslow, Cienna
- Kapil Shrikhande, Dell
- Paul Kolesar, Commscope
- Petar Pepeljugoski, IBM
- CK Wong, MergeOptics
- Steve Swanson, Corning
- Tom Palkert, Molex
- Piers Dawe, Iptronics
- Mike Dudek, Qlogic
- Nathan Tracy, TE Connectivity
- Scott Kipp, Brocade
- Jeff Maki, Juniper
- Sharon Lutz, US Connect
- Robert Lingle, OFS Optics
- Gary Nichol, Cisco
- Dan Dove, Applied Micro
- Jonathan King, Finisar

# Call details

- YOU ARE INVITED to comment and contribute on teleconference calls to be held on Tuesdays from 22nd November 2011 until 17<sup>th</sup> January 2012.
- INTENTION: to discuss and reach consensus on MMF objectives for Next Gen 100G Optics
- TIMING: Planned meetings:
  - Tuesday 29<sup>th</sup> Nov 2011, from 10.30 am to 11.30 am, PCT
  - Tuesday 6<sup>th</sup> Dec 2011, from 10am to 11 am PCT - TBD
  - Tuesday 13<sup>th</sup> Dec 2011, from 10am to 11am PCT
  - Tuesday 10<sup>th</sup> Jan 2012, from 10am to 11am PCT
  - Tuesday 17<sup>th</sup> Jan 2012, from 10am to 11am PCT