Approved Minutes
IEEE 802.3ba Task Force
May 13-16, 2008
Munich, Germany

Prepared by: George Oulundsen

Meeting convened at 9:05 am, Tuesday, May 13, 2008.

Agenda & General Information
By – John D'Ambrosia
See – agenda_01_0508.pdf

- Introductions – Everyone introduced themselves and stated their affiliation.
- Chair asked if there were any reporters in the room. No one responded. Chair reminded everyone that photographs are not allowed.
- Chair went through his introduction presentation – agenda_01_0508.pdf
- Motion to approve the agenda
  - Motion moved to accept the agenda by Francesco Coggioni, 2nd by Alan Flatman.
  - Meeting agenda was approved by voice vote without objection.
- Motion to approve the March Plenary minutes
  - Motion moved to accept minutes, with change to add Brad Booth, Osamu Ishida, Marc Dupuis, and Hideki Isono as attendees, and change the date at the top of the minutes from 2007 to 2008, by Larry Green, 2nd by Frank Chang.
  - March Plenary Meeting Minutes were approved by voice vote without objection.
- Ground Rules
- IEEE Structure, Bylaws & Rules
- IEEE Patent policy read to the body by Chair.
  - Chair read and presented the IEEE Patent Policy slide set.
  - Chair did call for patents. Shimon Muller came forward and notified the IEEE 802.3ba group that his company, Sun MicroSystems, has submitted a letter of assurance to the IEEE indicating that they applied for a patent that contains claims that pertain to the development of this standard.
- Inappropriate Topics for IEEE meetings read to the body by Chair.
- Chair presented the agenda for this meeting
- Liaisons and Communications:
  - Liaison report from ISO/IEC JTC 1/SC 25/WG 3 to IEC SC 86A on Maximum attenuation values for buffered and cabled B1.3 Optical Fibres.
  - IEC SC86 has been asked to define max attenuation for indoor cabled B1.3 (low water peak) singlemode fibre @ 1310nm/1383nm/1550nm.
  - Copy of IEC liaison request posted at: http://www.ieee802.org/3/ba/public/may08/3n870A.pdf.
  - Paul Kolesar commented that he attended the IEC meeting and that the IEC SC 86A group will be preparing a response letter.

- o OIF2008.164.01 update
  - o OIF CEI-25G-SR: electrical interface for chip-to-chip and chip-to-optics module at baud rates up to 28Gbps. OIF would welcome comments from IEEE 802.3ba.
  - o Copy of OIF liaison request posted at:
    http://grouper.ieee.org/groups/802/3/ba/public/may08/oif2008.164.01.pdf

- Goals for meeting
  - o Progress towards generating D1.0
    - Hear Proposals
    - Hear Technical Presentations
  - o Review liaisons
  - o Lay groundwork for the next meeting.
- Presented Task Force Schedule and Timeline.
- Presented list of presentations and some rules to keep us on-time
  - o Chair received a request from Chris Cole to add material to one of his presentations, "cole_02_0508.pdf". Chair asked if there were any objections to allowing Chris to add this material. There were no objections.
  - o Chair received a request from Mike Fogg to add a presentation, "fogg_01_0508.pdf". Chair asked if there were any objections to allowing this presentation. There were no objections.
  - o Chair will update the website with the changes to "cole_02_0508.pdf" and the addition of ""fogg_01_0508.pdf".
  - o Chair asked that everyone be succinct in their presentations and comments. If necessary, the Chair will define the time limit for discussion.
- Chair reminded everyone that they must vote on draft ballots to maintain their 802.3 voting rights.
- Chair reminded everyone to declare their affiliation.
- Chair reviewed a new electronic tool called, "IEEE-SA Meeting Attendance Tool". You will need an IEEE web account to use the tool. If you do not have an IEEE web account, the Chair gave instructions in "agenda_01_0508.pdf".

Presentation #1 (Editorial Update)

Title –   Chief Editor's Report
By –   Ilango Ganga, Intel
See –   ganga_02_0508.pdf
Discussion –
- Chair appointed and asked for confirmation of the following appointments to the editorial team::
  - o Mark Gustlin, Cisco: Sub-task force chief editor for logic track, RS (XL/CGMII) and PCS
  - o Chris Di Minico, MC Communications: Sub-task force chief editor for copper track, 40/100G copper PMDs
  - o Pete Anslow, Nortel: Sub-task force chief editor for optical track, SMF PMD

The appointments were confirmed by voice vote without objection.

- Clarifying questions regarding the list of volunteers and their respective responsibilities were asked and answered.
- Clarifying questions were asked regarding the proposed nomenclature.

Break at 10:28 AM
Reconvened at 10:45 AM

Presentation #2

Title –   Level Setting – Interfaces and Architecture
By –   Gary Nicholl, Cisco
See –   nicholl_01_0508.pdf
Discussion -
- Clarifying questions were asked and answered.

Presentation #3

Title –   40/100G Architecture and Interfaces proposal
By –   Ilango Ganga, Intel
See –   ganga_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Lunch Break at 12:00 PM
Reconvened at 1:35 PM

Presentation #4

Title –   100/40Ge PCS (MLD) proposal
By –   Mark Gustlin, Cisco
See –   gustlin_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #5

Title –   XL/CGMII and RS Proposal
By –   Mark Gustlin, Cisco
See –   gustlin_02_0508.pdf
Discussion
- Clarification questions were asked and answered.

Presentation #6

Title –   IPG Considerations
By –   Norbert Folkens, JDSU
See –   folkens_01_0508.pdf
Discussion – none
- Clarification questions were asked and answered.

Presentation #7

Title –	100/40Ge PMA proposal
By –	Mark Gustlin, Cisco
See –	gustlin_03_0508.pdf

Discussion
- Clarifying questions were asked and answered.

Presentation #8

Title –	Dynamic skew for MLD
By –	Pete Anslow, Nortel
See –	anslow_01_0508.pdf

Discussion
- Clarifying questions were asked and answered.

Chair let the group know that there were two presentations, "isona_01_0508.pdf" and "jewell_02_0508.pdf", submitted that both proposed 10-km at 40 Gb/s over SMF. The Chair had asked if they could consolidate the two proposals into one. They agreed and the new presentation is "jewell_03_0508.pdf". The Chair asked the Task Force if there were any objections to allowing this new presentation in place of the two originally submitted presentations. There were no objections. The Chair will upload the new presentation, "jewell_03_0508.pdf", to the website.

Break at 3:27 PM
Reconvened at 3:53 PM

Presentation #9

Title –	100/40GE Max skew budget for MLD
By –	Francesco Caggioni, AMCC
See –	giannakopoulos_01_0508.pdf

Discussion
- Clarifying questions were asked and answered.

Presentation #10

Title –	Propagation Delay Skew in Multimode Channels
By –	Paul Kolesar, Systimax
See –	kolesar_01_0508.pdf and kolesar_02_0508.xls

Discussion
- Clarifying questions were asked and answered.

Presentation #11

Title –	XLAUI/CAUI Electrical Specifications
By –	Ali Ghiaisi, Broadcom
See –	ghiasi_01_0508.pdf

Discussion
- Clarifying questions were asked and answered.
- The presented indicated that he would be providing new package models.

Presentation #12
Title –   Proposed Characteristics for 40GBASE-SR4 & 100GBASESR10 TP1 & TP4
                 PMD Service Interfaces
By –   John Petrilla, Avago
See –   petrilla_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #13
Title –   Observations on Electrical Definition for Non-retired PMD Service Interface
By –   Gary Nicholl, Cisco
See –   nicholl_03_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #14
Title –   The equivalent of XAUI and other architectural considerations in 40G/100G
                 Ethernet
By –   Piers Dawe, Avago
See –   dawe_01_0508.pdf
Discussion
- Several corrections and edits were made to the original presentation. The Chair asked
  if there were any objections to allowing the changes. There were no objections. The
  Chair will uploaded the updated presentation to the website.
- Clarifying questions were asked and answered.

Presentation #15
Title –   Proposal for FEC in 40G/100G Ethernet
By –   Piers Dawe, Avago
See –   dawe_02_0508.pdf
Discussion
- Several corrections and edits were made to the original presentation. The Chair asked
  if there were any objections to allowing the changes. There were no objections. The
  Chair will uploaded the updated presentation to the website.
- Clarifying questions were asked and answered.

Chair led a discussion of what folks think about what they heard today.

Ilango Ganga offered the following straw polls for the group to consider.

Straw Poll #1: Are we ready to make a decision, this week, on the 40/100G architecture as proposed in "ganga_01_0508.pdf" for baseline:

Yes: 67
No: 9

Approximately 115 people present.

Items expressed that still need to be addressed in the 40/100G architecture proposal:
- Test points – TP1 and TP4 PMD interface
- Implementation examples – what is ruled out?
- XLAUI/CAUI interface
- Concerns over the fact that the XLAUI interface is spelled out, but the PMD interface is not.

Straw Poll #2: Are we ready to make a decision, this week, on the 40/100G architecture as proposed in "ganga_01_0508.pdf" for baseline with the exclusion of the option for the electrical interface (XLAUI/CAUI) that can be decided later and exclude the examples.

Yes: 79
No: 2

Straw Poll #3: Are we ready to make a decision, this week, on the 40/100G architecture as proposed in "ganga_01_0508.pdf" for baseline with the inclusion of an optional n lane x 10.3125GBd electrical interface for PMD service interface and exclude the examples.

Yes: 77
No: 2

Mark Gustlin offered the following straw polls for the group to consider.

Straw Poll #4: Are we ready to adopt the PCS proposal as defined in the "gustlin_01_0508.pdf" this week.

Yes: 69
No: 0

Total head count: 104

Straw Poll #5: Are we ready to adopt the XL/CGMII definition as described in "gustlin_02_0508.pdf" this week.

Yes: 81
No: 0

The Chair has the following straw polls for the group to consider.

Straw Poll #6: How many folks had good wireless signal all day? 1

Straw Poll #7: How many folks had moderate wireless performance today? 23

Straw Poll #8: How many folks had poor wireless performance today? 66

Meeting breaks for the day at 7:42 PM
Meeting reconvenes at 9:04 AM, Wednesday, May 14, 2008.

Chair reminded everyone of the patent policy and showed slides 1-4 of the Patent Policy. The Chair did call for patents. No one brought patents forward.

Chair mentioned that at the end of today, members of 802.3ba will likely suggest a number of Straw Polls. Be prepared to stay later than planned to cast your vote in the Straw Polls.

Chair reviewed a possible timeline and mentioned that he is looking into a possible extra meeting day during the IEEE July Plenary Meeting.

Presentation #16
Title –   PHY OAM and Lane Fault Monitoring
By –   Wenbin Jiang, Huawei
See –   jiang_01_0508.pdf
Discussion
  • Clarifying questions were asked and answered.

At 9:30 AM, the Chair had to leave the meeting. The Chair asked Ilango Ganga to Chair the meeting in his absence. The Chair returned at 9:37 AM.

Upon returning the Chair read a letter/e-mail from David Law and Steve Carlson regarding the recent earthquake in Chengdu, China resulting in a decision to cancel our September Interim Meeting in Chengdu and reschedule the September Interim Meeting at a different location.

Presentation #17
Title –   40GE and 100GE Transport over OTN
By –   Wenbin Jiang, Huawei
See –   jiang_02_0508.pdf
Discussion
  • Clarifying questions were asked and answered.

Presentation #18
Title –   Appropriate Support for OTN Baseline Proposal E
By –   Steve Trowbridge, Alcatel-Lucent
See –   trowbridge_01_0508.pdf
Discussion
  • Clarifying questions were asked and answered.

Break at 10:37 AM
Reconvened at 11:00 AM

The Chair received a request from David Law and Shimon Muller to give a presentation on Link Fault. The presentation will be given at approximately 3:00 PM today. The Chair asked the group if there were any objections to allowing the presentation. There were no objections.

Presentation #19

Title –   PHY error rate monitoring for 40GbE and 100GbE
By –   Gary Nicholl, Cisco
See –   nicholl_02_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #20

Title –   Choice of grid for 10km 100GbE
By –   Pete Anslow, Nortel
See –   anslow_02_0508.pdf
Discussion
- Clarifying questions were asked and answered.
- A request was made to change some wording on slide 4 from "Integrated devices ….." to "Monolithic integrated devices …". The presenter said he would check with his co-authors to see if they are ok with the change. If so the presenter will send an updated presentation to the Chair who will upload it to the website.

Presentation #21

Title –   100GE 10km SMF PMD
By –   Chris Cole, Finisar
See –   cole_01_0508.pdf
Discussion
- The presenter noted that the supporter list has been expanded. The updated presentation will be sent to the Chair and the Chair will post the updated presentation to the website.
- Clarifying questions were asked and answered.

Lunch Break at 12:00 PM
Reconvened at 1:35 PM

Presentation #22

Title –   10x10G WDM 10km SMF PMD Proposal
By –   Thomas Schrans, Santur
See –   schrans_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #23

Title –	100GE 40km SMF PMD
By –	Chris Cole, Finisar
See –	cole_02_0508.pdf

Discussion

- The presenter noted that the supporter list has been expanded. The updated presentation will be sent to the Chair and the Chair will post the updated presentation to the website.

Presentation #24

Title –	40GbE Serial Proposal
By –	Jack Jewell, JDSU and Hideki Isono, Fujitsu
See –	jewell_03_0508.pdf

Discussion

- Clarifying questions were asked and answered.

Break at 3:16 PM
Reconvened at 3:30 PM

Presentation #25

Title –	40GE 10km SMF PMD
By –	Chris Cole, Finisar
See –	cole_03_0508.pdf

Discussion

- Clarifying questions were asked and answered.
- Justin Abbott, Frank Chang, and Ryan Latchman asked to be added as supporters. The presenter will update the supporter list and send an updated presentation to the Chair and the Chair will post the updated presentation to the website.

Presentation #26

Title –	Link Fault
By –	David Law, 3Com
See –	law_01_0508.pdf

Discussion – Presenter withdrew his request for a presentation.

Presentation #27

Title –	40Gb/s SMF and MMF Considerations
By –	Frank Chang, Vitesse
See –	chang_01_0508.pdf

Discussion

- Clarifying questions were asked and answered.

Presentation #28
Title –   Proposal for a PMD for 100GBASE-SR10 and 40GBASE-SR4 and Related
                 Specifications
By –   Petar Pepeljugoski, IBM
See –   pepeljugoski_01_0508.pdf
Discussion
- One clarifying question was asked and answered.

Presentation #29
Title –   Proposal for Extended-Reach MMF Link Characteristics
By –   Jack Jewell, JDSU
See –   jewell_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #30
Title –   40Gbit/s and 100 Gbit/s Transmission over OM3 Duplex Fiber
By –   J.R. Kropp, V-I Systems
See –   kropp_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.
- Ali Ghiasi, Paul Kolesar, Matt Traverso, and Francesco Caggioni asked to be added as supporters.   The presenter will update the supporter list and send an updated presentation to the Chair and the Chair will post the updated presentation to the website.

Presentation #31
Title –   Introduction of 25Gbps Directly Modulated VCSELs
By –   Kenichiro Yashiki, NEC
See –   yashiki_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Break at 5:56 PM
Reconvened at 6:16 PM

Presentation #32
Title –   Exploring the Transmitter Parameter Space for 100m Links for 100GBASE-SR10
                 and 40GBASE-SR4
By –   Petar Pepeljugoski, IBM
See –   pepeljugoski_02_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #33 _____

Title –   Analysis of 40GBASE-SR4 & 100GBASE-SR10 Proposals
By –   John Petrilla, Avago
See –   petrilla_02_0508.pdf
Discussion - None

Presentation #34 _____

Title –   Connector loss budgeting methodology for parallel multimode PMDs
By –   Jonathan King, Finisar
See –   king_01_0508.pdf
Discussion

- Clarifying questions were asked and answered.
- It was noted that one of the references may not be correct. The presenter will check the reference and provide a correction if necessary. If changes are made an updated presentation will be sent to the Chair and it will be uploaded to the website.

Chair led a discussion of what folks think about what they heard today.

The following Straw Poll was suggested by Steve Trowbridge and Wenbin Jiang.

Straw Poll #9: Are we ready to make a decision this week on "Appropriate support for OTN" based on "trowbridge_01_0508.pdf" for baseline.

Yes: 51
No: 7

Room Count: 108

Chris Cole proposed the following Straw Poll.

Straw Poll #10: Are we ready to adopt, this week, "cole_02_0508.pdf" as the baseline for "100GBE 40-km SMF PMD".

Yes: 81
No: 1

Approximate Room Count: 108

Chris Cole and Jack Jewell jointly proposed the following Straw Poll.

Straw Poll #11: I believe that a baseline proposal for the 40GBE 10-km SMF PMD should be based on:

   A) 4x10G CWDM (as per "cole_03_0508.pdf")
   B) 40G Serial (as per "jewell_03_0508.pdf")
   C) I need more information and presentation material before deciding.
   D) I will abstain now and later.

Results:
A) 25
B) 23
C) 35
D) 6

Approximate Room Count: 108

Chris Cole, Matt Traverso, and Thomas Schrans jointly offered the following Straw Poll.

Straw Poll #12: I believe that a baseline proposal for the "100GBE 10-km SMF PMD" should be based on:

   A) 4x25G CWDM (as per "traverso_01_0308.pdf")
   B) 4x25G LAN WDM (as per "cole_01_0508.pdf")
   C) 10x10G WDM (as per "schrans_01_0508.pdf")
   D) I need more information and presentation material before deciding.
   E) I will abstain now and later.

Results:
A) 9
B) 48
C) 6
D) 3
E) 14

Approximate Room Count: 108

Petar Pepeljugoski requested the following Straw Poll.

Straw Poll #13: Are we ready to adopt, this week, "pepeljugoski_01_0508.pdf" for a baseline for 100GBASE-SR10 and 40GBASE-SR4.

Yes: 64
No: 3

Approximate Room Count: 108

Joerg Kropp requested the following Straw Poll.

Straw Poll #14: Should we continue to work on a proposal for a full duplex 40GBE and 100GBE MMF PMD solution as in "kropp_01_0508.pdf".

Yes: 37
No: 13

Approximate Room Count: 108

During the discussion of Straw Poll #14, the Chair stated that if the group decided it wished to develop PMDs for a ribbon wire MMF and a full duplex (dual cable) that he believed that there would not be a "Distinct Identity" issue (different media), but that he would review this with the IEEE 802.3 Working Group

Jack Jewell proposed the following Straw Poll.

Straw Poll #15: Should we continue to work on a proposal for an annex to extend the reach of a 40GBASE-SR4 and 100GBASE-SR10 in addition to the proposal ("pepeljugoski_01_0508.pdf") as in "jewell_01_0508.pdf".

Yes: 55
No: 3

Approximate Room Count: 108

Meeting breaks for the day at 8:55 PM.
Meeting reconvenes at 9:10 AM, Thursday, May 15, 2008.

Chair reminded everyone of the patent policy and showed slides 1-4 of the Patent Policy. The Chair did the call for patents. No one brought patents forward.

Presentation #35
Title –	40GBASE-KR4 backplane PHY proposal and Next Steps
By –	Ilango Ganga, Intel
See –	mellitz_01_0508.pdf

Discussion
- Clarifying questions were asked and answered.

Presentation #36
Title –	802.3ba copper cable assembly proposal
By –	Chris Diminico, MC Communications
See –	diminico_01_0508.pdf

Discussion
- Clarifying questions were asked and answered.

Presentation #37
Title –   SFF-8470 10GBASE-KR Concepts for 802.3ba
By –   Bob Thornton, Fujitsu
See –   thornton_01_0508.pdf
Discussion
- The presentation has been updated with additional supporters and one editorial change. The updated presentation will be sent to the Chair and it will be uploaded to the website.
- Clarifying questions were asked and answered.

Break at 10:30 PM
Reconvened at 10:53 PM

Presentation #38
Title –   FEC and Auto-Neg proposal for 40/100G copper cable assembly
By –   Ilango Ganga, Intel
See –   ganga_03_0508.pdf
Discussion
- The presentation has been updated with additional supporters. The updated presentation will be sent to the Chair and it will be uploaded to the website.
- Clarifying questions were asked and answered.

Presentation #39
Title –   Adaptive Transmit Equalization Proposal for 40GBASE-CR4 and 100GBASE-CR10
By –   Amir Mezer, Intel
See –   mezer_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.

Presentation #40
Title –   Proposal for New Internal and External High Density 10 X 10.3125 Gbps Connector System based on 10GBASE-KR
By –   Michael Fogg, Tyco Electronics
See –   fogg_01_0508.pdf
Discussion
- Clarifying questions were asked and answered.
- The Chair asked the group if there were any preferences in regards to the different types of s-parameter models. Different individuals suggested different formats and there was no strong preference indicated for either .s4p, .s8p, .s12p, or .s16p.

Lunch Break at 12:02 PM
Reconvened at 1:20 PM

Discussion and Motions:

Motion #1: Move to adopt the draft outline, based on slides 3 thru 7 of "ganga_02_0508.pdf" as the basis for the first draft of P802.3ba.

Moved by: Ilango Ganga
Second by: Hugh Barrass

Technical (≥75%)

Results:
Task Force
 Yes: 103
 No: 0
 Abstain:1

802.3 voters:
 Yes: 60
 No: 0
 Abstain: 1

Motion Passes

Motion #2: Move to adopt the nomenclature, based on slide 8 of "ganga_02_0508.pdf" as the basis for the first draft of P802.3ba

Moved by: Ilango Ganga
Second by: Hugh Barrass

Technical (≥75%)

Results:
Task Force
 Yes: 68
 No: 16
 Abstain: 25

802.3 voters:
 Yes: 33
 No: 15
 Abstain: 12

Motion Passes

Discussion
At the time that the motion #2 was initially made, the Chair reminded the group that the adopted timeline called out that "Baseline Decisions" were scheduled to start at the July 08 meeting.

Motion #3: Move that the 802.3ba Task Force adopt slides 4 thru 9 as the 40/100G architecture as proposed in "ganga_01_0508.pdf" with the inclusion of an optional n-lane x 10.3125GBd electrical interface for PMD service interface (to slides 5,6, and 9), as baseline.

Moved by: Ilango Ganga
Second by: Shimon Muller

Technical (>75%)

Results:
Task Force
> Yes: 80
> No: 0
> Abstain: 18

802.3 voters:
> Yes: 53
> No: 0
> Abstain: 3

Motion Passes

Motion #4: Move to adopt "gustlin_02_0508.pdf" as the baseline for the XLGMII and CGMII logical interfaces.

Moved by: Mark Gustlin
Second by: Steve Trowbridge

Technical (>75%)

Results:
Task Force
> Yes: 95
> No: 0
> Abstain: 12

802.3 voters:
> Yes: 53
> No: 0
> Abstain: 4

Motion Passes

Motion #5: Move to adopt "gustlin_01_0508.pdf" as the baseline for the 40GbE and 100GbE PCS.

Moved by: Mark Gustlin
Second by: Steve Trowbridge

Technical (>75%)

Results:
Task Force
      Yes: 100
      No: 0
      Abstain: 12

802.3 voters:
      Yes: 56
      No: 0
      Abstain: 3

Motion Passes

Motion #6: Move that the 802.3ba Task Force adopt the parallel PMD proposal and tables on pages 6, 8, 9 and 10 of (pepeljugoski_01_0508) as the baseline proposal of the work of the task force towards writing the first draft standard for 40GBASE-SR4 and 100GBASE-SR10.

Moved by: Petar Pepeljugoski
Second by: John Petrilla

Technical (>75%)

Results:
Task Force
      Yes: 85
      No: 0
      Abstain: 22

802.3 voters:
      Yes: 51
      No: 0
      Abstain: 7

Motion Passes

Motion #7: Move that the 802.3ba Task Force include an annex in the baseline proposal for the extension of the MMF reach of 40GBASE-SR4 and 100GBASE-SR10 (extensions to those proposed in pepeljugoski_01_0508) based on the tables on pages 10, 11, 12 and 13 of jewell_01_0508.

Moved by: Jack Jewell
Second by: Ali Ghiasi

Technical (>75%)

Results:
Task Force
       Yes:
       No:
       Abstain:

802.3 voters:
       Yes:
       No:
       Abstain:

Motion #7 was withdrawn by the mover/seconder.

Motion #8: Move to adopt "trowbridge_01_0508.pdf" as the baseline for the "Appropriate support for OTN".

Moved by: Steve Trowbridge
Second by: Pete Anslow

Technical (>75%)

Results:
Task Force
       Yes: 54
       No: 6
       Abstain: 29

802.3 voters:
       Yes: 31
       No: 2
       Abstain: 11

Motion Passes

Motion #9: Move that we table Motion #8.

Moved by: Wenbin Jiang
Second by: Howard Frazier

Procedural (>50%)

Results:
Task Force
      Yes: 10
      No: 29

Motion Fails

Break at 3:12 PM
Reconvened at 3:39 PM

Motion #10: Move to reconsider motion #8.

Moved by: Pete Anslow
Second by: Steve Trowbridge

Procedural (>50%)

Results: **Motion Passes by voice vote without objection.**

Motion #8 as amended: Move to adopt "trowbridge_01_0508.pdf" as the baseline for the "Appropriate support for OTN" with the inclusion of "and pending concurrence of the 802.3 working group" prior to the last bullet of slide 11.

Moved by: Steve Trowbridge
Second by: Pete Anslow

Technical (>75%)

Results: **Motion Passes by voice vote without objection.**

Motion #11: Move to amend Motion #8 to read "Move to adopt "trowbridge_01_0508.pdf" as the baseline for the "Appropriate support for OTN" with the inclusion of "and pending concurrence of the 802.3 working group" prior to the last bullet of slide 11."

Moved by: Steve Trowbridge
Second by: Pete Anslow

Technical (>75%)

Results: **Motion Passes by voice vote without objection.**

Motion #12: Move to adopt 4x25G LAN WDM (as per cole_02_0508) as the baseline proposal for the 100GE 40km SMF PMD.

Moved by: Chris Cole
Second by: Matt Traverso

Technical ($\geq$75%)

Results:
Task Force
      Yes: 78
      No: 0
      Abstain: 15

802.3 voters:
      Yes: 45
      No: 0
      Abstain: 8

Motion Passes

Motion #13: Move to adopt 4x25G WDM as the baseline proposal for the optical lane structure of 100GE 10km SMF PMD as per "cole_01_0508.pdf" and traverso_01_0308.pdf" with grid spacing to be decided.

Moved by: Chris Cole
Second by: Matt Traverso

Technical ($\geq$75%)

Results:
Task Force
      Yes: 69
      No: 2
      Abstain: 24

802.3 voters:
      Yes: 42
      No: 2
      Abstain: 9

Motion Passes

Motion #14: Move to table motion #13.

Moved by: Thomas Schrans
Second by: Arlon Martin

Procedural (>50%)

Results:
Task Force
        Yes:8
        No:41

Motion Fails

Motion #15: Move to adopt 4x25G LAN WDM (as per cole_01_0508) as the baseline
        proposal for 100GE 10km SMF PMD.

Moved by: Chris Cole
Second by: Pete Anslow

Technical ($\geq$75%)

Results:
Task Force
        Yes: 51
        No: 5
        Abstain: 42

802.3 voters:
        Yes: 35
        No: 3
        Abstain: 18

Motion Passes

Motion #16: Move to adopt mellitz_01_0508.pdf as the baseline for the 40GbE backplane
　　　　　　　PHY (40GBASE-KR4).

Moved by: Ilango Ganga
Second by: Tom Palkert

Technical (>75%)

Results:
Task Force
　　　Yes: 59
　　　No: 0
　　　Abstain: 30

802.3 voters:
　　　Yes: 35
　　　No: 0
　　　Abstain: 14

Motion Passes

Motion #17: Move to adopt the multimode skew model described in "kolesar_01_0508.pdf"
　　　　　　and embodied in the spreadsheet of "kolesar_02_0508.xls" (updated to include
　　　　　　the addition of "Notes" worksheet).

Moved by: Paul Kolesar
Second by: Pete Anslow

Technical (>75%)

Results: **Motion Passes by voice vote without objection.**

Petar Pepeljugoski suggested that an Ad-Hoc be formed to study an extended reach option over parallel multimode fiber. The Chair noted the interest from the straw poll the previous night, and asked the group if there were any objections to forming an Extended Reach Parallel MMF Ad-Hoc. There were no objections. The Chair appointed the Alessandro Barbieri and John Petrilla as Co-Chairs of the Extended Reach Parallel MMF Ad-Hoc. The Ad-Hoc's mission is to formulate a technical proposal for extended reach over parallel multimode fiber.

The Chair requested the following Straw Polls.

Straw Poll #16: How many new people were at this meeting? 17
Straw Poll #17: How many of the new people will continue attending? 12
Straw Poll #18: How many plan on attending the July Plenary? 91
Straw Poll #19: How many would attend a July Interim adjacent and collocated interim
　　　　　　　meeting? By voice vote the group was not in favor of an adjacent and
　　　　　　　collocated interim meeting during the July Plenary meeting.

Future Meetings:

July 2008 Plenary
- July 14 – 18
- Hyatt Regency Denver at the Colorado Convention Center
- Denver, CO, USA

Sept 2008 Interim
- Location was cancelled due to recent earthquake, but will be rescheduled. Stay tuned.

Nov 2008 Plenary
- Nov 10 – 13
- Hyatt Regency Dallas at Reunion
- Dallas, Tx, USA

Motion to adjourn - moved by Hugh Barrass; 2nd by Brad Booth. Motion approved by voice vote without objection.

Meeting adjourns at 4:49 PM on Thursday, May 15, 2008.

Attendee List:

IEEE 802.3ba Attendance Sheet - Interim Meeting, May 13-15, Munich, DE			5/13/2008	5/14/2008	5/15/2008
Last Name	**First Name**	**Affiliation**	**Tues**	**Weds**	**Thurs**
Abbas	Ghani	Ericsson, UK	X	X	X
Abbott	John	Corning	X	X	X
Ahn	Kye-Hyun	ETRI	X	X	X
Alping	Arne	Ericsson AB	X	X	X
Alush	Yehuda	Nokia Siemens Networks	X	X	X
Anslow	Pete	Nortel	X	X	X
Baldwin	Thananya	Ixia	X	X	X
Bandyopadhyay	Jaya	Juniper Networks	X		
Barbieri	Alessandro	Cisco	X	X	X
Barrass	Hugh	Cisco			X
Baumer	Howard	Mobius Semiconductor	X	X	X
Belopolsky	Yakov	BEL	X	X	
Bennett	Mike	LBNL			X
Booth	Brad	AMCC			X
Braun	Ralf-Peter	Deutsche Telekom, T-Systems	X	X	X
Breuer	Dirk	Deutsche Telekom, T-Systems	X	X	X
Caggioni	Francesco	AMCC	X	X	X
Caldwell	Maurice	Broadcom	X	X	X
Carroll	Martin	Verizon	X	X	X
Chang	Frank	Vitesse	X	X	X

Chen	Jian	Institute for Infocomm Research	X	X	X
Chen	Charles	Cortina	X	X	
Chiwu	Ding	Huawei	X	X	X
Cobb	Terry	Systimax			X
Cole	Chris	Finisar	X	X	X
Cummings	Terence	Gigoptix	X	X	X
D'Ambrosia	John	Force 10 Networks	X	X	X
Dawe	Piers	Avago Technologies	X	X	X
DiMinico	Christopher	MC Communications/LEONI	X		X
Dineen	Thomas	Self	X	X	X
Donnay	Beth	Force 10 Networks	X	X	X
Drolet	Patrick	EXFO	X	X	X
Dudek	Mike	JDSU	X	X	X
Duplessis	Luc	EXFO	X	X	X
Ewen	John	IBM	X	X	X
Fiere	Julien	Merge Optics	X	X	X
Filip	Jan	Maxim Integrated Products Inc.	X	X	X
Flatman	Alan	LAN Technologies	X	X	X
Fogg	Michael	Tyco Electronics	X	X	X
Folkens	Norbert	JDSU	X	X	X
Frazier	Howard	Broadcom			X
Fromm	Galen	Molex	X	X	X
Ganga	Ilango	Intel	X	X	X
Geng	Dongyu	Huawei	X	X	X
Ghiasi	Ali	Broadcom	X		
Green	Larry	Ixia	X	X	X
Grow	Bob	Intel			X
Grupp	Wolfgang	JDSU	X	X	X
Gursoy	Ozgur	Hittite Microwave	X	X	
Gustlin	Mark	Cisco	X	X	X
Hammond	Bernie	ADC Telecommunications	X	X	
Hankins	Greg	Force 10 Networks	X	X	X
Healey	Adam	LSI			X
Hiramoto	Kiyo	Opnext Japan		X	X
Hirotaka	Oomori	Sumitomo Electric	X	X	X
Hornbuckle	Craig	Sierra Monolithics	X		
Isono	Hideki	Fujitsu Ltd.	X	X	X
Jewell	Jack	JDSU	X	X	
Jiang	Wenbin	Consulting for Huawei	X	X	X
Jorgensen	Thomas	Vitesse	X	X	X
Katsuria	San Jay	Teranetics			X
Kim	Seung-Hwan		X	X	X
King	Jonathan	Finisar Corp.		X	X

Kipp	Scott	Brocade	X	X	X
Kobayashi	Shoukei	NTT	X	X	X
Kolesar	Paul	CommScope	X	X	X
Kouta	Hikaru	NEC	X	X	X
Kropp	Joerg	V.I. Systems GMBH	X	X	X
Krueger	Sven	Cube Optics		X	
Kuyt	Gerard	Draka Comteq			X
Latchman	Ryan	Gennum		X	X
Law	David	3Com	X	X	X
LeCheminant	Greg	Agilent Technologies	X	X	X
Ledentson	Nikolay	VI-Systems GMBH	X	X	X
Lenkisch	Andreas	Schroff Gmbh Germany	X	X	X
Li	Zeng	Huawei	X	X	X
Li	Jing	Huawei	X	X	X
Lingle, Jr.	Robert	OFS		X	X
Lott	James	V.I. Systems GMBH	X	X	X
Magee	Anthony	ADVA Optical Networking	X	X	X
Maki	Jeffery	Juniper Networks	X	X	X
Mariotti	Carlo	Cisco	X	X	X
Marris	Arthur	Cadence	X	X	X
Martin	Arlon	Kotura	X	X	X
McClay	Phil	Zarlink Semiconductor	X	X	X
McDonough	John	NEC America	X	X	X
McSorley	Greg	Amphenol	X	X	X
Mezer	Amir	Intel	X		X
Miao	Tremont	Analog Devices Inc.	X	X	X
Michaelis	Thomas	Nokia Siemens Networks	X		X
Miyazawa	Hideo	Fujistu Component	X		X
Mori	Kazuyuki	Fujitsu Labs	X	X	X
Muller	Shimon	Sun	X	X	X
Nakamoto	Edward	Spirent Communications	X	X	X
Neer	Jay	Molex	X	X	X
Nicholl	Gary	Cisco	X	X	X
Ofelt	David	Juniper Networks	X	X	X
Oulundsen	George	OFS	X	X	
Paatzsch	Thomas	Cube Optics		X	
Palkert	Tom	Xilinx, Luxtera	X		X
Pepeljugoski	Petar	IBM	X	X	X
Pepper	Gerald	Ixia	X	X	X
Petrilla	John	Avago Technologies	X	X	X
Quast	Holger	V.I. Systems GMBH	X	X	X
Ran	Adee	Intel	X		X
Ressl	Mike	Hitachi Cable America		X	X

Rossetti	Damiano	Cisco	X	X	
Sambasivan	Sam	AT&T	X	X	X
Sayre	Edward	NESA	X		X
Schicketanz	Dieter	Independent		X	X
Schier	Nicolas	SHF Communication	X	X	X
Schmitt	George	Naval Research Laboratory	X	X	
Schrans	Thomas	Santur	X	X	X
Seely	Ted	Sprint	X	X	X
Serbay	Murat	MergeOptics	X	X	X
Sercu	Stefaan	FCI	X		X
Shafai	Farhard	Sarance	X	X	
Shang	Song	Sierra Monolithics	X	X	
Shigematsu	Masayuki	Innovation Core SEI, Inc.	X	X	X
Shiori	Satomi	NEC	X	X	X
Steenman	Henk	AMS-1X		X	X
Storaasli	Olaf	Draka Comteq	X	X	X
Strong	Stephen	Juniper Networks	X	X	X
Swanson	Steve	Corning	X	X	X
Szczepanek	Andre	Texas Instruments	X	X	X
Takahashi	Hidenori	KDDI R&D Laboratories Inc.	X	X	X
Tavacoli	Jim	Santur		X	X
Thiagarajan	Sashi	Ciena	X	X	X
Thornton	Bob	Fujistu Component America	X	X	X
Tipper	Alan	Gennum	X	X	X
Toyoda	Hidehiro	Hitachi	X	X	X
Trainin	Oded	Cisco	X	X	X
Traverso	Matt	Opnext	X	X	X
Trowbridge	Steve	Alcatel-Lucent	X	X	X
Tsumura	Eddie	Excelight	X	X	X
Turner	Brad	Juniper	X	X	X
Vanderlaan	Paul	Nexans	X	X	X
Weber	Markus	Fujitsu	X	X	X
White	Martin	Marvell Semiconductor	X	X	X
Wiener	Amir	Intel	X	X	X
Yang	Choong-reol	ETRI	X	X	X
Yashiki	Kenichiro	NEC	X	X	X
Zivny	Pavel	Tektronix	X	X	X