

PHY BASELINE PROPOSAL AD HOC AGENDA - unapproved  
13 February 2014

Welcome – Fourth meeting.

From the minutes of the November Task Force Plenary meeting:

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The Chair then chartered a PHY proposal ad hoc, chaired by George Zimmerman, with the following charter/objectives:

- Identify elements necessary to form a baseline proposal
  - o Signaling bandwidth (bounds)
  - o Modulation, EQ, coding, etc.

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Participants are encouraged to review IEEE meeting guidelines available at the following URL -

<https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf>

A proposed agenda for the meeting follows.

**9AM** Pacific Time meeting start

1. Roll call : Please send an email indicating your attendance, employer and affiliation to <mailto:george@cmeconsulting.onmicrosoft.com?subject=802.3bq PHY ad hoc attendance 13 Feb 2014>
2. Reminder of IEEE patent policy  
[www.ieee802.org/3/patent.html](http://www.ieee802.org/3/patent.html)
3. Housekeeping

Review & approve meeting agenda. :

Approve minutes from 23 January 2014 meeting

[http://www.ieee802.org/3/bq/public/phyproposal/minutes\\_3bq\\_phyadhoc\\_jan-23-14.pdf](http://www.ieee802.org/3/bq/public/phyproposal/minutes_3bq_phyadhoc_jan-23-14.pdf)

4. Old business from previous ad hoc meeting:

The following future contributions were planned at the last meeting:

- Training time/time-to-link – User perceptions (Dave C./Pete C.)
- Cable bending - End user inputs – (Dave C./Pete C.)
- Metrics & Requirements (e.g. power, use model) for a successful PHY proposal – (Chris D.)
- Impacts of each of the suggested modifications in zimmerman\_3bqah\_02\_1213.pdf - (George Z)
- Transmitter launch power vs. power consumption – (Peter Wu)

The following items were offered that require additional input, but for which no one actually signed up for a new contribution:

- Discussion of MDI – impacts, choices, etc.
- How to test /specify performance under cable bend?
- PHY designers to discuss direct-attach power saving opportunities

- With vs. without specification (does it need to be standardized)
5. New business at this meeting:  
Contribution from Peter Wu, Marvell, emailed to the reflector: PBO in 40GBase-T ?
  6. Next meeting time: To avoid conflict with a standing 802.3bp meeting, we propose to shift the next meeting by 2 hours, to be Thursday February 27, **10AM** PST.

Adjournment: