

802.3BQ PHY BASELINE PROPOSAL AD HOC MINUTES -  
7 July 2014

Participants are encouraged to review IEEE meeting guidelines available at the following URL -  
<https://development.standards.ieee.org/myproject/Public/mytools/mob/preparslides.pdf>

The proposed agenda for the meeting follows.

**10 AM** Pacific Time meeting start (two hour meeting planned)

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 7July 2014>

Attendance:

Anna An, Foxconn Interconnect Technology  
Yakov Belopolsky, Bel Stewart Connector  
Michael Bennett, 3MG Consulting / Independent  
Brian Buckmeier, Bel Stewart Connector  
Jerry Chiang, Foxconn Interconnect Technology  
Peter Cibula, Intel  
Chris DiMinico, MC Communications / Panduit  
German Feyh, Broadcom  
Jim Graba, Broadcom  
Dave Jeskey, Sentinel  
Wayne Larsen, Commscope  
William Lo, Marvell  
Rick Mellitz, Intel  
Victor Renteria, Bel Stewart Connector  
Martin Rossbach, Nexans  
Dieter Schicketanz, Consultant / Leoni Kerpen  
Masood Shariff, Commscope  
Tom Souvignier, Broadcom  
Paul Vanderlaan, Berk Tek LLC  
Paul Wachtel, Panduit  
Peter Wu, Marvell  
David Chalupsky, Intel  
George Zimmerman, Chair, CME Consulting / Commscope & Aquantia

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. :

M: Chris Diminico, S: Pete Cibula

Approved by voice without objection

Approve minutes from 23 May 2014 PHY ad hoc meeting

[http://www.ieee802.org/3/bq/public/phyproposal/minutes\\_3bqah\\_23June2014.pdf](http://www.ieee802.org/3/bq/public/phyproposal/minutes_3bqah_23June2014.pdf)

(waived approval until reviewed and to be asked at face-to-face meeting)

4. Old business from previous ad hoc meetings:

None

5. New business at this meeting:

Name of presenter: Jim Graba, Broadcom

Title of presentation: 40GBASE-T EEE

Brief description of topic: Presents some considerations and proposals for adopting and modifying the EEE concepts of Clause 55 and Fast Wake.

Discussion: The presenter addressed several topics related to EEE. The presenter clarified that support for LPI and refresh signalling similar to 10GBASE-T was assumed, and that this proposal offered modifications relative to Clause 55 LPI. There was general consensus that a longer refresh signal would be desired, but maintaining the same refresh period. There was discussion and concern that a fast wake involving zero "wake" time would be an issue.

Name of presenter: German Feyh & Ron DeGroat, Broadcom

Title of presentation: 40GBASE-T discussion: startup, PBO, transmit jitter, common mode noise rejection

Brief description of topic: The proposal discusses adjustments to several sections relative to the 10GBASE-t specification.

Discussion: Specific discussion surrounded the definition of jitter in specification, and there was vigorous discussion regarding the proposed elimination of the cable clamp common mode noise rejection test. Several proposals met with general acceptance: namely scaling the transmit PSD mask and removing the periodic training sequence option in clause 55.

6. Next meeting time: (July Plenary meeting of task force)

7. Adjournment: 12 noon.