

PHY BASELINE PROPOSAL AD HOC MINUTES - unapproved
23 January 2014

Welcome – Third meeting.

From the minutes of the November Task Force Plenary meeting:

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.

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.

3:15 PM Pacific Time meeting start

1. Roll call : Attendees signed in on sign in sheet
George Zimmerman, CME Consulting/Aquantia & Commscope
Pete Cibula, Intel
Alan Flatman, Independent
Alexander Franck, Leoni
Yvan Engels, Leoni
Peter Wu, Marvell
Anna An, FIT
Curtis Donahue, UNH-IOL
Tom Souvignier, Broadcom
Victor Renteria, BelFuse / TRP
Bob Wagner, Panduit
Vineet Salunke, Cisco
Ron Nordin, Panduit
Brad Booth, Microsoft
Paul Vanderlaan, Berk-Tek LLC
Will Bliss, Broadcom

2. Reminder of IEEE patent policy
www.ieee802.org/3/patent.html

3. Housekeeping

Review & approve meeting agenda. :

M: Pete Cibula, S: Dave Chalupsky – Approved by voice w/o opposition

Approve minutes from 14 January 2014 meeting, emailed to reflector

M: Dave Chalupsky, S: Curtis Donohue – Approved by voice w/o opposition

4. New business for this ad hoc meeting:

There were no new contributions for discussion.

The Chair then moved to discussion of plan forward.

He solicited the following subjects for future planned contributions:

- 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 Chair also solicited inputs on items 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)

The chair asked if anyone knew of inputs needed which were not already identified, and no one responded.

The Chair then offered a timeline for next meetings: Thursday Feb 13, 8AM PST, Thursday February 27, 8AM PST.

Adjournment: The meeting adjourned by consensus without opposition at 4PM.