

Minutes P802.3bz Architecture AdHoc meeting Jun 16th 2015

Prepared by Peter Jones

Proposed Agenda:

1. Agenda/Admin Peter Jones

Presentations posted at:

<http://grouper.ieee.org/groups/802/3/NGEBASET/public/archadhoc/index.html>

Agenda/Admin Peter Jones:

Meeting began at 9:05am pst

1. Reviewed the Attendance information related to the ad hoc.
2. Asked if we needed to review patent policy, no one requested review.
3. Reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes.
4. Asked for corrections of draft minutes June 2nd or approval
 - a. No objection, minutes for June 2nd approved.
5. TF Chair reminded group we needed to approve minutes for May 5th 2015. Asked for corrections of draft minutes May 5th or approval
 - a. No objection, minutes for May 5th approved.
6. Presented the proposed agenda.
 - a. No objection or changes

Presentations/Discussion.

Issues to resolve to evolve 802.3bz draft 0.1 – George Zimmerman

- Presenter is Chief Editor, notes below say “Editor”
- Editor outlined the process he is following to prepare draft (including liberal use of Editors Notes)
- Editor discussed posted presentation and outlined major items he wants review of.
- Editor mentioned set of items (see presentation) that he has in the draft based on 802.3bq text (Clause 113) . Some of these are different to 10GBT (clause 55) and have not been explicitly accepted by the group. Editor believes that it may be appropriate to have motions for these items. Editor will have a big Editor’s Note near the front of Clause 126 listing major items.
- Q about EEE differences between clause 55 and 802.3bq. Draft has EEE material from 802.3bq in it, but this needs to be approved as we had no specific motions for EEE. In cases where the accepted motions do not cover the material in the draft, Editor will insert Editors notes as appropriate. Reviewers should look at these. When we adopt the draft, we adopt the included text including all these items.

- Q about OCL receiver spec in 100BASE-TX, Editor says OCL for 2.5/5GBASE-T is covered by TX droop spec, if someone wants to build a PHY that also does 100BASE-TX, 100BASE-TX specs dominate – hence no changes to the standard. Q follow up concerned about backward compatibility with installed base of 100M/1G BASE-T PHYs. Response - already covered in existing 100M/1G/10G BASE-T PHY specs and implementations. Continued discussion – may be more likely that we will see 2.5G talk to old 100M/1G devices, whereas 10GBASE-T not so common? AI – participants should think about the systems that they think will be built, and review the draft text for any required changes (no surprise here).
- “Rejection of external noise”. Editor proposes an option based on 802.3bz (clause 113), group to review. Discussion on this point.
- “Link Segment Related”. Work to be done here, some text based on 10GBASE-T (clause 55). Review->comment->propose->find consensus.
- Look for Editors notes and TBD’s. They are places where Editor believes work is required.

Other Discussion/Observations:

- Draft availability?
 - Availability for first draft – Editor shooting for week of June 22nd, mid-week.
 - TF chair has established TF private area at <http://www.ieee802.org/3/bz/private/index.html>
 - Username & password stated on call (but not recorded in minutes)
- Brief mention of IEEE SA press release - “New IEEE P802.3bz™ Project Achieves Significant Milestone Towards Enabling Higher Speeds Over Installed Base of Twisted Pair Cabling” (at http://standards.ieee.org/news/2015/ieee_802.3bz.html) .

Meeting closed – 10:08 PST

Attendees (from Webex + emails)

Name	Affiliation	Attended 6/16
Amrik Bains	Cisco	y
Brett McClellan	Marvell	y
Bryan Moffitt	Commscope	y
Ching-Yao Su	Realtek	y
Chris Diminico	MC Communications	y
Clark Carty	Cisco	y
Dave Hess	Cord Data	y
David Chalupsky	Intel	y
David Estes	Spirent	y
David Law	HP	y
Dieter Schicketanz	Leoni Kerpen/ University of Reutlingen	y
Duane Remein	Huawei	y
Geoffrey Chacon	HP	y
George Zimmerman	CME - Commscope, Aquantia, Linear tech	y
Hossein Sedarat	Aquantia	y
Jacky Chang	HP	y
Jerome-Yu	Realtek	y
Jon Lewis	Dell	y
Keng Hua Chuang	HP	y
Masood Shariff	Commscope	y
Mike Good	Berk-Tek, LLC	y
Paul Freeburn	Avaya	y
Paul VANDERLAAN	Berk-Tek	y
Peter Jones	Cisco	y
Ramin Farjad	Aquantia	y
Ramin Shirani	Aquantia	y
Rick Rabinovich	ALE	y
Ron Tellas	Panduit	y
Steve Sedio	Foxconn	y
Theodore Brillhart	Fluke	y
Victor Renteria	Bel Fuse	y
Yong Kim	Broadcom	y
Attendee count		32

