

Minutes P802.3bz Architecture AdHoc meeting June 20th 2016

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 9:05 am PDT.

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. Presented the proposed agenda.

Presentations/Discussion.

Sponsor Ballot update – George Zimmerman

- Quick update from George as Chief Editor.
- Call for any people of the call planning to submit comments to do this promptly.
- Would like to head into July plenary with no unresolved negatives.
- Review of a comment associated with an unresolved negative vote from May in Whistler. The comment is i-56 (see http://grouper.ieee.org/groups/802/3/bz/comments/8023bz_D30_approved.pdf).

IEEE 802.3bz Making link fault signaling optional – Arthur Marris

- Reviewed perceived issue with current draft text and possible implementations using interfaces derived from “Clause 36 PCS”.
- Discussion on fast retrain applicability to 10G/5G/2.5G speeds.
- Proposal to make link fault signaling optional for 2.5G/5G data rates.
 - What about scoping this only for 2.5G? May be all that’s required.
- Goal is to make 2.5G simple to adopt.
- Q&A
 - What about 4 byte alignment from XGMII vs byte alignment in GMII? Clause 46 & 126 requires some specific alignment. Discussion on this point for a while.
 - Discussion of other functions of link fault state machine apart from fast retrain (e.g. EEE).
 - Concern was expressed about side-effects/ramifications of this proposed change.
- Path to move forwards?

- Call for contributions/discussions on mailer/alias ahead of 802.3bz interim next week (June 27th). What are the concerns about making this change? What are the benefits of making this change?

Other Discussion/Observations:

- Remember to register for the interim next week if you are planning to attend.
- If you plan to submit sponsor ballot comments, please do so as early as possible.

Meeting closed – 10:06am PDT

Attendees (from Webex + emails)

Name	Affiliation	Attended 6/20
Amrik Bains	Cisco	y
Arthrt Marris	Cadence	y
Brett McClellan	Marvell	y
Dave Jeskey	Sentinel Connector	y
Dieter Schicketanz	Leoni Kerpen/ University of Reutlingen	y
George Zimmerman	CME - Commscope, Aquantia, Linear tech	y
German Feyh	Broadcom	y
Hossein Sedarat	Aquantia	y
Kumaran Krishnasamy	Broadcom	y
Marcel Medina	Spirent	y
Masood Shariff	Commscope	y
Matt Schumacher	Berk-Tek	y
Paul Mooney	Spirent	y
Peter Jones	Cisco	y
Peter Wu	Marvell	y
Victor Renteria	Bel Fuse	y
Attendee count		16