Minutes P802.3bz Architecture AdHoc meeting April 28th 15

Prepared by Pete Cibula

Proposed Agenda:

1. Agenda/Admin   Pete Cibula

Presentations posted at:

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

Agenda/Admin Pete Cibula:

Meeting began at 9:05AM 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. Asked for corrections of draft minutes April 21st or approval
    a. Discussion of the April 21st draft minutes was deferred until the following meeting of the P802.3bz Architecture ad hoc (May 5th, 2015) at the request of attendees.
5. Presented the proposed agenda.
    a. The proposed agenda was reviewed and modified to note that approval of the draft minutes of the April 21st ad hoc would be deferred until the next meeting.

Presentations/Discussion.

802.3bz Layers – CL45 Management Proposal – Yong Kim

- The presenter introduced the contribution and requested participant feedback on "little ticket items" noted in the document.
- The presenter addressed a comment on the ordering of rate identifiers as presented in register names (10GBASE-T/40GBASE-T/25/5/2.5GBASE-T), noting that the descriptions in the contribution are ordered chronologically, but could be ordered logically in future baseline text, after respective baseline has been adopted.
- The presenter took an action to discuss the suggested PMA/PMD control 2 register bit definitions on Page 9 with other IEEE editors, and confirm that the locations are in alignment with some related work discussed in 802.3 editorial coordination meetings.
- It was noted that some of the suggestions may be affected by comments & responses from the recent P802.3bq Working Group ballot.
- Participants were encouraged to review the "little ticket items" as well as give a careful review of Clause 45, and provide feedback to the presenter and participants using the reflector.
- Participants thanked the presenter and co-contributors for this effort.

PCS/PMA Proposal – German Feyh

- The presenter introduced the contribution, which proposes scaling 10GBASE-T by factors of ¼ for the 2.5G data rate and ½ for the 5G data rate. While many elements would be carried over with appropriate scaling, the contribution suggests increasing the transmitter PSD by 6dB for 2.5G and by 3dB for 5G.
- Participants asked if the total transmitter power would remain the same with the suggested PSD changes; the presenter confirmed that there would be no change to the total power with the new PSD limits.
- Participants discussed some possible implications of the proposed transmitter PSD limits on RF emissions from Cat5e and Cat6 cabling. This topic could be an area of further study for interested participants.
- Participants thanked the presenter and co-contributors for this effort.

Other Discussion/Observations:

- None.

Meeting closed at 10:01AM PDT.

Attendees (from Webex + emails)

Name	Affiliation	Attended 4/28
Amrik Bains	Cisco	y
Anna An	Foxconn	n
Arthur Lee	Mediatek	n
Bob Wagner	Panduit	n
Brett McClellan	Marvell	y
Brian Bucmeier	Bel Fuse	n
Brian Jaroszewski	Vitesse	n
Bryan Moffitt	Commscope	n
Carrie Higbie	Siemon	n
Ching-Yao Su	Reaktek	y
Chris Diminico	MC Communications	y
Clark Carty	Cisco	y
Dave Hess	Cord Data	n
Dave Jeskey	Sentinel Connector	n
David Chalupsky	Intel	n
David Chen	Nokia	n
David Estes	Spirent	y
David Law	HP	y
David Tremblay	HP	n
Derek Cassidy	BT	n
Dieter Schicketanz	Leoni Kerpen/ University of Reutlingen	n
Duane Remein	Huawei	y
Ed Gastle	JDSU	n
Evan Lau	General Cable	n
George Zimmerman	CME - Commscope, Aquantia, Linear tech	y
German Feyh	Broadcom	n
Greg McSorley	Amphenol	n
Hans Lackner	QoSCom GmbH	n
Hossein Sedarat	Aquantia	n
Howard Frazier	Broadcom	y
Jacky Chang	HP	n
Jerome-Yu	Realtek	y
Jim Graba	Broadcom	n
Jing Fang	Marvell	n
John D'Ambrosia	Dell	n
Kaku Shinkyo	Allied Telesis	n
Kamal Dalmia	Aquantia	y
Keng Hua Chuang	HP	y

Lars Lindskov Pedersen	Delta	n
Masood Shariff	Commscope	y
Marcel Medina	Spirent	n
Matt Brown	APM	n
Mike Good	Berk-Tek, LLC	y
Neven Pischl	Broadcom	n
Pat Thaler	Broadcom	n
Paul Freeburn	Avaya	n
Paul Hathaway	Foxconn	n
Paul Langner	Aquantia	n
Paul Mooney	Sprirent	y
Paul VANDERLAAN	Berk-Tek	y
Pete Cibula	Intel	y
Peter Jones	Cisco	n
Peter Wu	Marvell	y
Ramin Farjad	Aquantia	y
Ramin Shirani	Aquantia	y
Rick Rabinovich	Alcatel-Lucent	y
Ron Cates	Marvell	n
Ron Tellas	Panduit	y
Shaouha	?	
Simon Assouad	Broadcom	n
Scott Kipp	Brocade	y
Steve Sedio	Foxconn	n
Theodore Brillhart	Fluke	y
Thomas Brown	Vitesse	n
Thuyen Dinh	Pulse	n
Todd Herman	Commscope	n
Tom Souvignier	Broadcom	y
Tooraj Esmailian	Broadcom	y
Victor Renteria	Bel Fuse	y
Vineet Salunke	Cisco	n
William BeBorde	Intel	y
William Lo	Marvell	y
Yong Kim	Broadcom	y
Attendee count		31