802.3BQ / 25GBASE-T PHY AD HOC AGENDA (APPROVED) & MINUTES (UNAPPROVED)
13 May 2015

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.

9:30 AM Pacific Time meeting start (90 minute meeting planned)
At 9:40 AM, George Zimmerman, Chair of the 802.3bq PHY ad hoc called the meeting to order.

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 13May 15
   Attendees:

Brett McClellan, Marvell
Brian Buckmeier, Bel TRP Connector
Chalupsky, David, Intel (Chair of IEEE P802.3bq Task Force)
Chris DiMinico, MC Communications / Panduit
Cibula, Peter R, Intel
Dave Hess, Cord Data
Deborde, William, Intel
George Zimmerman, CME Consulting / Aquantia & Commscope (Chair of ad hoc)
Masood Shariff, Commscope
Mike Good, Berk-Tek
Paul Vanderlaan, Berk-Tek
Ronald Tellas, Panduit
sip:4082222500;phone-context=Folsom-76c8e77cbf0c4a8cafc401cb3fb06f2b@anonymous.invalid
sip:8586769681;phone-context=Folsom-b3680b9927ea4012a708658bac265f8a@anonymous.invalid
sip:anonymous-e2de1ecafe7b40b3b493084068193939@anonymous.invalid
Theo Brillhart, Fluke Networks
William Lo, Marvell
Zhongfeng Wang, Broadcom

2. Reminder of IEEE patent policy
   www.ieee802.org/3/patent.html
   The Chair reminded attendees of the patent policy, and asked if any were unfamiliar and needed it read. None responded. The Chair made the call for patents, and none responded.
3. Housekeeping
   The Chair asked if there was any objection or additions to the agenda as posted, and none were voiced. The agenda was accepted as approved without objection.

No previous minutes

4. Old business from previous ad hoc meetings:

None

5. New business at this meeting:

Name of presenter: William Lo, Marvell
Title of presentation: *GBASE-T Auto-Negotiation Proposal
Brief description of topic: Describes a proposal to include 40GBASE-T Fast Retrain bit and resolve comment 105
Discussion: Questions were asked as to whether the text would reflect only the 802.3bq draft, with attributes intended for other projects (e.g., 802.3bz) listed as RESERVED bits. The presenter answered that in the proposed text (McClellan_3bq_01_0515.pdf), the bits relevant to other projects were marked as RESERVED, and only features for 802.3bq 40GBASE-T were currently present. Proposals for bits specific to other projects would be made to the other project at the direction of the Chairs of 802.3bq and other projects.

Name of presenter: Zhongfeng Wang, Broadcom
Title of presentation: Improved Transcoding Scheme for 40GBASE-T
Brief description of topic: Describes 512/513b transcoding proposed in comment 403
Discussion: Questions were asked for some more specific guidance to the editor as to where to insert the text on slide 10. Additionally, the presenter was to review to the draft to see if any other sections needed changing. Questions were asked regarding how the complexity and latency matched up relative to the complexity and latency budget for an 802.3bq PHY, which the presenter responded latency was approximately 400 BT relative to an overall latency budget of 25600BT. The presenter was also reminded to review obligations under the IEEE patent policy for potential IP which was common in transcoder implementations and to make sure an LOA was submitted if necessary.

Other business: Having some time remaining, the Chair opened the floor to additional business. Pete Cibula, Chair of the Receiver Common Mode Noise Rejection ad hoc, reminded the group that additional text for that issue was posted at in that ad hoc's portion of the 802.3bq website: http://www.ieee802.org/3/bq/public/rxcmr/index.html, and to review it and consider any changes prior to the Task Force Interim meeting the following week.

6. Next meeting time: (none scheduled)
7. Adjournment: 10:30 AM Pacific Time