

IEEE 802.3bw October 19, 2014 meeting minutes

Attendees (attendance sheet at the end of the document)

First Name, Last Name, Employer, Affiliation

Thomas Hogenmueller, Bosch, Bosch

Cutis Donahue, UNH iol, UNH iol

Scott Morrison, GM, GM

Natalie Wienckowski, GM, GM

Mandeep Chadha, Vitesse, Vitess

Jim Lawlis, Ford, Ford

Juergen Mandel, Delphi, Delphi

Larry Matola, Delphi, Delphi

Yong Kim, Broadcom, Broadcom

Andy Gardner, Lieneer Technology, Linear Technology

Sasha Babenko, Molex, Molex

Geoff Thompson, Self Employed, Bosch

Mehmet Tazebay, Broadcom, Broadcom

Administrative Matters

Natalie Wienckowski is assigned for recording secretary.

The chair called for introductions and affiliations.

Reviewed Agenda

Reviewed Decorum

Reviewed Email reflector

Reviewed Ground rules

Chair read from Guidelines for IEEE

Motion #1: (M: Thomas Hogenmüller, S: Mehmet Tazebay) The Agenda was approved by voice without opposition.

Motion #2: (M: Thomas Hogenmüller, S: Mehmet Tazebay) The correction to the September Interim meeting minutes was approved by voice without opposition.

Motion #3: (M: Thomas Hogenmüller, S: Mehmet Tazebay) The corrected September Interim meeting minutes were approved by voice without opposition.

Instructions on how to subscribe to the reflector and password for 1TPCE private area were provided.

Sasha Babenko read aloud page number 1 of the IEEE Patent Policy.

Call for Potentially Essential Patents was read aloud. Thomas Hogenmueller asked if anyone knew of any relevant patents and there were no responses.

Thomas Hogenmueller read "Other Guidelines for IEE WG Meetings".

Motion #4: Adopt the timeline as shown in slide 14 of Hogenmueller_3bw_01_1014.pdf.

M: Yong Kim

S: Mehmet Tazebay

13 yes, 0 no, 0 abstain

Presentations

Title: Extending Clause 30 and Clause 45

Presenter: Mehmet Tazebay

Summary: Clause 30 lists all of the possible types of Ethernet defined in 802.3. This is a required item to create a new Ethernet type and get it approved. Proposed additions are provided for all of the needed parameters.

Clause 45 lists all of the registers used by the different 802.3 Ethernet types defined. Proposal to change some registers to accommodate 1TPCE. 3 new registers are proposed for 1TPCE: control, status and test mode.

Discussion:

Geoff Thompson indicated that these types of modifications are done all the time and this is not unusual for IEEE.

Yong Kim informed the group that the register definitions need to be added to Clause 45 to ensure that all vendors do these in the same way. If it is not defined by IEEE each will do their own thing.

Yong Kim pointed out that there is a desire to keep the PMA/PMD control 2 register for 1TPCE next to those of RTPGE.

Geoff Thompson asked why there is a new control register instead of using the existing one. He said that others have used an existing register and defined the usage which may be that only one of the two defined states is valid. Mehmet will consider this and it will be discussed more later.

Yong Kim showed the 10GBASE-T control register, which is not the standard usage, similar to what has been proposed for 1TPCE.

Geoff proposed that all .3 documents be reviewed to see if there is a consistent definition for the control register, or if there are many different definitions for this already. Mehmet will do a survey of the existing definitions.

Geoff stated the test modes should be referenced into Clause 200 where they are defined.

Mandeep looked at Clause 45 and it doesn't have a common definition of MASTER/SLAVE but refers back to Clause 22.

It was agreed that we don't want to refer back to Clause 22, but should only refer to Clause 45.

Geoff proposed that this be worked out in Working Group Ballot and not to worry about it now.

Motion #5: Adopt the contribution by Mehmet in berman_tazebay_3bw_01a_1014.pdf, on revisions to Clauses 30 and 45 to support 802.3bw.

M: Mandeep Chadha

S: Mehmet Tazebay

Approve: 11

Oppose: 0

Abstain: 2

Review of comments on 802.3bw draft

Motion #6: The Task Force accepts the resolution of comments from Task Force review (Doc: 20141020_Detroit_interim_resolved_comments.pdf) as the basis for D1.1. It also grants the editor the authority to generate D1.1 (including such editorial license as needed) and to distribute D1.1 for preview to 802.3 in anticipation of a request to go to Working Group Ballot at the San Antonio meeting.

M: Geoff Thompson

S: Mehmet Tazebay

Y: 15

N: 0

Ab: 0

Motion #7: Motion to adjourn at 10:29 am on October 20, 2014.

M: Mehmet Tazebay

S: Mandeep Chadha

Unanimous agreement by voice.