IEEE 802.3 Maintenance Task Force
September 2015 Meeting Minutes
Bonita Springs, FL
Tuesday, September 15th, 2015
http://www.ieee802.org/3/maint/index.html

The meeting was called to order by Mr. Adam Healey (Chair) at 9:05AM on September 15th, 2015.

The minutes were recorded by Ms. Valerie Maguire (Recording Secretary).

Refer to: http://www.ieee802.org/3/maint/public/healey_1_0915.pdf for the meeting slides.

Attendance
Mr. Healey asked the meeting attendees to introduce themselves. Mr. Healey informed the attendees about the attendance recording mechanisms. The following individuals recorded their attendance and affiliation:

Name	Company/Affiliation	Name	Company/Affiliation
Carlson, Steve	HSD/Bosch/Broadcom/ Marvell	Maguire, Valerie	Siemon
Donahue, Curtis	UNH-IOL	Marris, Arthur	Cadence
Hajduczenia, Marek	BHN	Nikolich, Paul	Self/IEEE 802 Chair
Healey, Adam	Avago Technologies	Thaler, Pat	Broadcom
Horner, Rita	Synopsis	Thompson, Geoff	GraCaSi
Kramer, Glen	Broadcom	Winkel, Ludwig	Siemens AG
Law, David	HP Ltd.		

Agenda
Mr. Healey reviewed the meeting agenda as follows:
- Introduction
- Review and approve agenda
- Approve minutes
- Call for patents
- Attendance procedures
- IEEE P802.3 status
- Review of open revision requests
- Review revision requests
- Future meetings

Mr. Healey introduced the IEEE P802.3 (IEEE 802.3bx) Revision editorial team:
- Mr. Pete Anslow - Section 4 and Section 6 editor
- Mr. Marek Hajduczenia - Section 5 editor
- Mr. Adam Healey - Section 2 and Section 3 editor, Editor-in-chief
- Ms. Valerie Maguire - Section 1 editor

Motion #1: Approve agenda
    M: S. Carlson
    S: A. Marris
    Procedural (>50%)
    Passed by voice vote without opposition

Motion #2: Approve July 2015 minutes with the correction of the adjournment date to "July 13th"
    M: P. Thaler
    S: G. Thompson
    Procedural (>50%)
    Passed by voice vote without opposition

Patent Slides
Mr. Healey displayed and read through the patent policy slides and guidelines and allowed time for the group to digest the information. The patent slides were shown at 9:17AM. Mr. Healey made the call for patents and no one responded.

Motion #3: Approve August 2015 minutes
    M: C. Donahue
    S: M. Hajduczenia
    Procedural (>50%)
    Passed by voice vote without opposition

IEEE P802.3 status
Mr. Healey noted that the second Sponsor recirculation ballot of the IEEE P802.3 (IEEE 802.3bx) Revision opened on July 21, 2015 and closed August 5, 2015 and 4 comments were received. These comments were confirmed as out of scope and they were passed on to the Publication Editor for consideration. Mr. Healey reported the ballot results as follows:

    160 Voters
    133 Approve
    1 Disapprove w/out comment
    9 Abstain
    143 Ballots returned

Mr. Healey was pleased to report that the document had a 100% approval rate. IEEE P802.3 was approved by the IEEE-SA Standards Board on September 3rd, 2015.

Review of open revision requests
Mr. Healey indicated that eight new revision requests were received since the July 2015 meeting. Mr. Healey noted that revision requests #1276, #1277, #1279, #1280, #1281, and #1282 were received by the deadline for consideration at this meeting. In addition, revision request #1283 will be introduced at this meeting.

Revision requests available for review/introduction at this meeting:

Req #	Standard	Subclause	Subject
1276	802.3-2012	Front matter	Define "PoE"
1277	802.3-2012	33	Load during inrush
1279	802.3-2012	35.2.1.1.2	TRANSMIT_COMPLETE vs. DATA_COMPLETE
1280	802.3-2012	57	Hard-coded pdu_limit
1281	802.3bj-2014	82	Incomplete logic in LPI Transmit state diagram
1282	802.3-2012	76.3.2.5.6	IdleBlockCount type
1283	802.3-2012	73.6.4	Backplane/twinax PHY advertisement
1284	802.3-2015	83	Incorrect register names
1285	802.3-2015	1.4	Incorrect/missing cable definitions
1286	802.3-2015	90.7	Data delay reference points

Mr. Healey indicated that there are:
- 36 open revision requests
- Current status of open revision requests:

Approved	21
Balloting	1
Ready for ballot	4
Awaiting clarification	0
Errata	0
To be categorised	10

Review new revision requests
Revision Request Notes
Refer to: http://www.ieee802.org/3/maint/public/healey_1_0915.pdf.

Revision Request #1276
This revision request was discussed. It was noted that an alternate path to resolving this issue is to remove "PoE" from the document list of key words. The group reviewed proposed text changes to clause 33.1, as drafted by Geoff Thompson, that expands on "PoE". The first two sentences of Geoff's proposed text were revised to, "This clause defines the functional and electrical characteristics for providing a Power over Ethernet (PoE) system for deployment over balanced twisted-pair cabling. The system consists of two optional power (non-data) entities, a Powered Device (PD) and Power Sourcing Equipment (PSE), for use with the MAU defined in Clause 14 and the PHYs defined in Clause 25 and Clause 40." The clause 1.4 definition text proposed by Geoff Thompson was revised to, "1.4.339 IEEE 802.3 Power over Ethernet (IEEE 802.3 PoE): A system consisting of one PSE and one PD that provides power across balanced twisted-pair cabling. (See IEEE Std 802.3, Clause 33.)" David Law agreed to revise the revision request with the updated resolution text and resubmit it. The status of this revision request will remain "Received" and stay on the agenda for reconsideration at the November 2015 meeting.

Revision Request #1277
This revision request was discussed. It is believed that accepting this request will result in a new feature request and have an impact on the compliance of existing PD's and networks. Action on this revision request will be deferred to the November 2015 meeting in order to gather more information.

Revision Request #1279
This revision request was discussed. There was no objection to this proposal or to changing the status of this revision request to "Ready for Ballot".

Revision Request #1280
This revision request was discussed. There was no objection to this proposal or to changing the status of this revision request to "Ready for Ballot".

Revision Request #1281
The commenter withdrew this revision request.

Revision Request #1282
This revision request was discussed. There was no objection to this proposal or to changing the status of this revision request to "Ready for Ballot".

Revision Request #1283

This revision request was introduced. It was discussed whether or not the proposed change is a new feature request, which is outside the scope of the Maintenance Task Force. It was observed that this request was also submitted as comment #194 during IEEE P802.3by/D2.0 initial Working Group ballot. The status of this revision request will be set to "Received".

Future meetings

The next meeting of the IEEE 802.3 Maintenance Task Force will occur during the November 2015 IEEE 802.3 plenary session in Dallas, TX.

Adjournment

Mr. Healey observed that there was no further business and adjourned the meeting.

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Adjourned at 10:35AM on September 15th, 2015

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Action Item Tracker

Volunteer	Action	Date Assigned	Status
Adam Healey	The IEEE 802.3 Maintenance Task Force Chair to discuss revision request #1277 with the Submitter.	05/21/2015	