

IEEE 802.3 Maintenance Task Force

11th September 2018

Spokane, WA USA

Adam Healey
Chair, IEEE P802.3 (IEEE 802.3cj) TF
Vice Chair, IEEE 802.3 Ethernet WG

Agenda

- Introductions
- Review and approve agenda
- Approve minutes
- Patent policy
- Participation in IEEE 802 Meetings
- Attendance procedures
- PSDO update and other news
- Review status of open maintenance requests
- Review new maintenance requests
- Future meetings

Agenda and minutes motions

- Motion #1: Approve the agenda
 - M: D. Law S: C. Jones
 - Procedural (> 50%)
 - Passed by voice vote without opposition
- July 2018 minutes were posted 11th July 2018
- Motion #2: Approve the [July 2018](#) minutes
 - M: C. Jones S: D. Law
 - Procedural (> 50%)
 - Passed by voice vote without opposition

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
 - IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
 - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
 - There may be Essential Patent Claims of which IEEE is not aware. Additionally, neither IEEE, the WG, nor the WG Chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
 - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
 - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
 - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

Participants have a duty to inform the IEEE

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential
Essential Patent Claims is encouraged**

Ways to inform IEEE

- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

Other guidelines for IEEE WG meetings

- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
 - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
 - Don't discuss specific license rates, terms, or conditions.
 - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
 - Technical considerations remain the primary focus
 - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
 - Don't discuss the status or substance of ongoing or threatened litigation.
 - Don't be silent if inappropriate topics are discussed ... do formally object.

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- *IEEE-SA Standards Board Bylaws*
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- *IEEE-SA Standards Board Operations Manual*
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at
<http://standards.ieee.org/about/sasb/patcom/materials.html>

**If you have questions, contact the IEEE-SA
Standards Board Patent Committee
Administrator at patcom@ieee.org**

Participation in IEEE 802 Meetings

Participation in any IEEE 802 meeting (Sponsor, Sponsor subgroup, Working Group, Working Group subgroup, etc.) is on an individual basis

- **Participants in the IEEE standards development individual process shall act based on their qualifications and experience.** (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)
- **IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)**
- **Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**
- **Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.**

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml>)

Attendance procedures

- IEEE Meeting Attendance Tool
 - <http://imat.ieee.org/>
 - Session access code: **xxxxxxxxxxx**
- For more information, please see...
 - http://ieee802.org/3/minutes/attendance_procedures.pdf
- Please sign the attendance sheet for the Task Force meeting minutes

PSDO update

- The following standards passed FDIS ballot on 3 September without negative votes or comments
 - IEEE Std 802.3bn-2016
 - IEEE Std 802.3bv-2017
 - IEEE Std 802.3bu-2016

Other news

- IEEE Std 802.3-2018 published 31 August 2018
- IEEE P802.3cq and P802.3cn PARs to be considered by the IEEE-SA standards board on 27 September

Maintenance request ballot status

- http://www.ieee802.org/3/maint/requests/open_num.html

New maintenance requests

- Deadline for consideration at this meeting was 7 August

No.	Date	Standard	Clause	Subject
1314	26-Jul-18	802.3br-2016	99.4.3	Text not consistent with state diagram
1315	21-Aug-18	802.3-2018	Various, see details	Incorrect reference to "IEC 60068-2-1/27/30/38/52/64/78"
1316	29-Aug-18	802.3-2018	66.3.3.6, 77.3.3.6	Undefined variable
1317	29-Aug-18	802.3-2018	77.3.3.6	Incomplete transition condition
1318	29-Aug-18	802.3-2018	60.9.13.2.2, 75.7.15.2	Extraneous parentheses
1319	29-Aug-18	802.3-2018	Various, see details	"Ensuring" vs. "reassuring"
1320	29-Aug-18	802.3-2018	31A	"Maximum" vs. "maximal"
1321	29-Aug-18	802.3-2018	56.1.2	Incorrect cross reference

Maintenance request status

- 21 open maintenance requests
- Current status of open requests
 - Approved 0
 - Balloting 2
 - Ready for ballot 11
 - Awaiting clarification 0
 - Errata 0
 - To be categorized 8

Maintenance requests for consideration

No.	Date	Standard	Clause	Subject
1314	26-Jul-18	802.3br-2016	99.4.3	Text not consistent with state diagram

Maintenance request 1314

- In 99.4.3 it is stated that “Verification disable does not affect the transmission of respond mPackets.”
- In Figure 99-8, if disableVerify is true then the Verify state diagram will always be INIT_VERIFICATION and rcv_v will be set to false
- Therefore the Respond state will always be RESPOND_IDLE and respond mPackets cannot be transmitted.
- Suggestion is to delete the incorrect sentence in 99.4.3.
- In scope: Yes/~~No~~
- Errata: ~~Yes~~/No
- Complete: Yes/~~No~~
- Set status to “Ready for ballot”

Clause 33 maintenance requests

No.	Date	Standard	Clause	Subject
1271	13-Jan-15	802.3-2012	33.1.4	Refer to cabling specifications
1273	9-Feb-15	802.3-2012	33	Definition of power interface
1276	20-Feb-15	802.3-2012	Frontmatter	Define "PoE"
1277	25-Mar-15	802.3-2012	33	Load during inrush
1278	19-May-15	802.3-2012	1.4, 33.1.4	Incorrect placement of definitions
1294	27-Jan-16	802.3-2015	Figure 33-16	PD entry to IDLE state
1300	07-Oct-16	802.3-2015	33.3.7.9	Backfeed voltage
1306	21-May-17	802.3-2015	33	Clarify source of pd_dll_power_type
1307	21-May-17	802.3-2015	33	Clarify source of pse_dll_power_type
1310	30-May-17	802.3-2015	33.4.9.1.4	Midspan PSE description
1311	30-May-17	802.3-2015	33.4.9.1	Connector Midspan PSE description

Motion

- Motion #3: Include maintenance requests listed on slide 18 of healey_1_0918.pdf in the P802.3cq draft should the project be approved.
 - M: C. Jones S: D. Law
 - Technical ($\geq 75\%$)
 - Passed by voice vote without opposition

Future meetings

- Week of 12 November 2018
 - Bangkok, Thailand
- See <http://www.ieee802.org/3/interims/index.html>

Adjourn