IEEE 802.3 Maintenance Task Force
23rd May 2018
Pittsburgh, PA 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

- Review status of open maintenance requests

- ISO/IEC JTC 1/SC 6 PSDO update

- Review revision plan and progress

- Future meetings

Agenda and minutes motions

- Motion #1: Approve the agenda
  - M: S. Carlson   S: D. Law
  - Passed by voice vote without opposition

- Motion #2: Approve the <u>March 2018</u>, <u>6 April 2018</u>, and <u>26 April 2018</u> minutes
  - M: D. Law   S: S. Carlson
  - Passed by voice vote without opposition

- March 2018 minutes were posted 7 March 2018
- 6 April 2018 minutes were posted 6 April 2018
- 26 April 2018 minutes were posted 26 April 2018

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.

IEEE

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

IEEE

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

IEEE

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

◆IEEE

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

◆IEEE

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: **Xxxxxxx**

- For more information, please see…
  - http://ieee802.org/3/minutes/attendance_procedures.pdf

- Please sign the attendance sheet for the Task Force meeting minutes

Maintenance request ballot status

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

New maintenance requests

- None.

Maintenance request status

- 35 open maintenance requests
- Current status of open requests
    - Approved   0
    - Balloting   22
    - Ready for ballot   13
    - Awaiting clarification   0
    - Errata   0
    - To be categorized   0

Maintenance requests for consideration

- None.

ISO/IEC JTC 1/SC 6 PSDO update

- IEEE Std 802.3bs-2017 and IEEE Std 802.3cc-2017 completed 60-day pre-ballots in April (no comments) and are awaiting the start of the FDIS ballots

- FDIS ballots on IEEE Std 802.3bn-2016, IEEE Std 802.3bv-2017, and IEEE Std 802.3bu-2017 are expected to close at the beginning of September

Revision plan and progress

Proposed revision plan

7/13/2017	WB approval		**2/28/2018**	SB-r1 closes
7/23/2017	WB day 1		**3/7/2018**	Maintenance TF meeting
8/21/2017	WB closes		**3/9/2018**	Cond. approval RevCom submittal
9/13/2017	Maintenance TF meeting		**3/13/2018**	SB-r2 day 1
9/29/2017	WB-r1 day 1		**3/27/2018**	SB-r2 closes
10/13/2017	WB-r1 closes		**4/6/2018**	Cond. interim telecon meeting #1
11/8/2017	Maintenance TF meeting		**4/10/2018**	SB-r3 day 1
11/10/2017	SB approval		**4/24/2018**	SB-r3 closes
12/6/2017	Amendments approved		**4/26/2018**	Cond. interim telecon meeting #2
12/11/2017	SB day 1		**5/4/2018**	RevCom submittal deadline
1/9/2018	SB closes		**6/12/2018**	Start of SASB meeting series
1/24/2018	Maintenance TF meeting			
2/14/2018	SB-r1 day 1			

IEEE P802.3 (IEEE 802.3cj) ballot results

- D3.0 initial Sponsor ballot ("Day 1" 11 Dec. 2017, closed 9 Jan. 2018)
- D3.1 1st Sponsor recirc. ballot ("Day 1" 14 Feb. 2018, closed 28 Feb. 2018)
- D3.2 2nd Sponsor recirc. ballot ("Day 1" 13 Mar. 2018, closed 27 Mar. 2018)
- D3.2 3rd Sponsor recirc. ballot ("Day 1" 10 Apr. 2018, closed 24 Apr. 2018)

	D3.0				D3.1				D3.2				D3.2 (r03)			
	Count	%		Status	Count	%		Status	Count	%		Status	Count	%		Status
		Actual	Req'd			Actual	Req'd			Actual	Req'd			Actual	Req'd	
Abstain	9	7	< 30	PASS	8	6	< 30	PASS	8	6	< 30	PASS	8	6	< 30	PASS
Disapprove	6	-	-	-	3	-	-	-	3	-	-	-	2	-	-	-
Disapprove w/o comment	0	-	-	-	0	-	-	-	0	-	-	-	0	-	-	-
Approve	105	94	≥ 75	PASS	118	97	≥ 75	PASS	119	97	≥ 75	PASS	123	98	≥ 75	PASS
Ballots returned	120	81	≥ 75	PASS	129	87	≥ 75	PASS	130	88	≥ 75	PASS	133	90	≥ 75	PASS
Voters	147	-	-	-	147	-	-	-	147	-	-	-	147	-	-	-
Comments	121	-	-	-	49	-	-	-	12	-	-	-	1	-	-	-

Future meetings

- Week of 9 July
  - San Diego, CA USA
- See http://www.ieee802.org/3/interims/index.html

Adjourn

IEEE 802.3 Maintenance Task Force - May 2018