IEEE 802.3 Maintenance Task Force
8th November 2017
Orlando, FL USA

Adam Healey
Chair, IEEE 802.3 Maintenance TF
Vice-Chair, IEEE 802.3 Working Group

Agenda

- Introductions

- Review and approve agenda

- Approve minutes

- Patent policy

- Participation in IEEE 802 Meetings

- Attendance procedures

- Review status of open maintenance requests

- Revision

- Response to China NB comment

- Future meetings

Agenda and Minutes Motions

- Motion #1: Approve the agenda
  - M: G. Thompson   S: D. Law
  - Passes by voice vote without opposition

- Motion #2: Approve the September 2017 minutes
  - M: D. Law   S: A. Marris
  - Passes by voice vote without opposition

- September 2017 minutes were posted 14 September 2017

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:**
  - The 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 the IEEE is not aware. Additionally, neither the 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.

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(Optional to be shown)

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.

- **Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:**
  - **"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**
  - **"Should inform the IEEE (or cause the IEEE to be informed)" of the identity of "any other holders of potential Essential Patent Claims" (that is, third parties that are not affiliated with the participant, with the participant's employer, or with anyone else that the participant is from or otherwise represents)**
- **The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group**
- **Early identification of holders of potential Essential Patent Claims is strongly encouraged**
- **No duty to perform a patent search**

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Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards 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 or visit
http://standards.ieee.org/about/sasb/patcom/index.html

This slide set is available at
https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt

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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:
  - Either speak up now 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
  - Cause an LOA to be submitted

15 March 2015

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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, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.

      - Technical considerations remain 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.**

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

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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

- IEEE Meeting Attendance Tool
  - http://imat.ieee.org/

- 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 status

- 1 new request received since September 2017 meeting
- 34 open maintenance requests
- Current status of open requests
  - Approved   0
  - Balloting   22
  - Ready for ballot   11
  - Awaiting clarification 0
  - Errata   0
  - To be categorized   1

Open maintenance requests

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

New maintenance requests

- Deadline for consideration at this meeting was 2nd October 2017

#	Date	Standard	Clause	Subject
1312	09-Oct-17	802.3-2015	33	Range of power value fields

Maintenance requests for consideration

- None.

IEEE P802.3 (IEEE 802.3cj) Maintenance #12 (Revision)

[Review ballot results and plan (with motions)]

Ballot results

- D2.0 initial Working Group ballot
  - Opened 23 July 2017, closed 21 August 2017
- D2.1 Working Group recirculation ballot
  - Opened 13 October 2017, closed 27 October 2017

	D2.0				D2.1			
	Count	%		Status	Count			Status
		Actual	Req'd					
Abstain	12	9.02	< 30	PASS	11	7.8	< 30	PASS
Disapprove	4	-	-	-	0 **	0	-	-
Disapprove w/o comment	0	-	-	-	0	0	-	-
Approve	117	96.69	$\geq$ 75	PASS	130 **	100	$\geq$ 75	PASS
Ballots returned	133	63.33	> 50	PASS	141	67.14	> 50	PASS
Voters	210	-	-	-	210	-	-	-
Comments	148 *	-	-	-	3	-	-	-

* Included 1 late comment.
** 1 ballot "flipped" after opening plenary report.

Comment resolution motion

- Motion #3: Approve the responses to the comments received against IEEE P802.3 (IEEE 802.3cj)/D2.1 as recorded in <http://www.ieee802.org/3/cj/comments/P8023-D2p1-Comments-Final-byID.pdf>.

- M: G. Thompson   S: A. Marris
  - Technical >= 75%
  - Passes by voice vote without opposition

Proposed revision plan

7/13/2017	Approval for WGB	**2/13/2018**	SpB-r1 opens
7/23/2017	WGB day 1	**2/27/2018**	SpB-r1 closes
8/21/2017	WGB closes	**3/7/2018**	Maintenance TF meeting
9/13/2017	Maintenance TF meeting	**3/9/2018**	Cond. approval RevCom submittal
10/12/2017	WGB-r1 day 1	**3/14/2018**	SpB-r2 opens
10/27/2017	WGB-r1 closes	**3/16/2018**	RevCom submittal deadline
11/8/2017	Maintenance TF meeting	**3/28/2018**	SpB-r2 closes
11/10/2017	Approval for SpB	**4/26/2018**	RevCom telecom
12/6/2017	Amendments approved?		
12/11/2017	SpB day 1		
1/9/2018	SpB closes		
1/24/2018	Maintenance TF meeting		

Open date to be based on completion of MEC
Comment to include recently approved amendments

WGB = Working Group ballot
SpB = Sponsor ballot

Sponsor ballot motion

- Motion #4: Progress the IEEE P802.3 draft to IEEE 802 LMSC sponsor ballot.

- M: A. Marris   S: G. Thompson
  - Technical >= 75%
  - Passes by voice vote without opposition

Response to China NB comment

[Review ballot status, comment, and draft liaison letter]

ISO/IEC JTC 1/SC 6 ballot status

Type	Reference	Start Date	End Date	Result
CIB	6N16652 (IEEE Std 802.3bu-2016)	2017-06-20	2017-08-18	Approved
CIB	6N16654 (IEEE Std 802.3bv-2017)	2017-06-20	2017-08-18	Approved
CIB	6N16695 (IEEE 802.3-2015/Cor 1-2017)	2017-08-23	2017-11-22	Still open
FDIS	ISO/IEC/IEEE 8802-3:2017/FDAmd 1 (IEEE Std 802.3bw-2015)	2017-04-24	2017-09-11	Approved *
FDIS	ISO/IEC/IEEE 8802-3:2017/FDAmd 5 (IEEE Std 802.3br-2016)	2017-05-24	2017-10-11	Approved
FDIS	ISO/IEC/IEEE 8802-3:2017/FDAmd 7 (IEEE Std 802.3bz-2016)	2017-05-24	2017-10-11	Approved
FDIS	ISO/IEC/IEEE 8802-3:2017/FDAmd 2 (IEEE Std 802.3by-2016)	2017-05-31	2017-10-18	Approved
FDIS	ISO/IEC/IEEE 8802-3:2017/FDAmd 3 (IEEE Std 802.3bq-2016)	2017-05-31	2017-10-18	Approved
FDIS	ISO/IEC/IEEE 8802-3:2017/FDAmd 4 (IEEE Std 802.3bp-2016)	2017-05-31	2017-10-18	Approved

* Includes comment(s) to be addressed.

Liaison motion

- Motion #5: Approve IEEE_802d3_to_ISOIEC_JTC1_SC6_1117_draft.pdf with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.
  - M: G. Thompson   S: D. Law
  - Technical >= 75%
  - Passes by voice vote without opposition

Future meetings

- Week of 22 January 2018
  - Geneva, Switzerland

Adjourn

Maintenance web and reflector

- IEEE 802.3 Maintenance web site

  – http://www.ieee802.org/3/maint/

- IEEE 802.3 Maintenance Request form

  – http://www.ieee802.org/3/private/maint/revision_request.html

  – Username: XXXXX

  – Password: XXXXXXX

- IEEE 802.3 Maintenance reflector

  – stds-802-3-maint@ieee.org