IEEE 802.3 Maintenance Task Force
13th November 2017
Charlotte, NC USA

Adam Healey
Chair, IEEE 802.3 Maintenance 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 revision requests
- Review revision requests
- Review revision plan and progress
- Comment resolution
- Future meetings

Agenda and minutes motions

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

- Motion #2: Approve the July 2017 minutes
  - M: S. Carlson   S: S. Trowbridge
  - Passed by voice vote without opposition

- July 2017 minutes were posted 13th July 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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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

15 March 2015

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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

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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 procedures

- 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 ballot status

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

New maintenance requests

- No new maintenance requests were received since the July 2017 meeting

Maintenance request status

- 33 open maintenance requests
- Current status of open requests
  - Approved   0
  - Balloting   22
  - Ready for ballot   11
  - Awaiting clarification   0
  - Errata   0
  - To be categorized   0

Maintenance requests for consideration

- No requests for consideration at this meeting

Revision plan

[Review plan and progress to plan.]

Possible project schedules

Year						2017												2018						
Month	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
P802.3bs	SB											Std!												
P802.3bt							SB										Std!							
P802.3bv	SB	Std!																						
P802.3ca													WG					SB						
P802.3cb		SB										Std!												
P802.3cc		SB						Std!																
P802.3cd				WG								SB							Std!					
Revision						WG		WG-r1			SB		SB-r1	SB-r2	Std!									
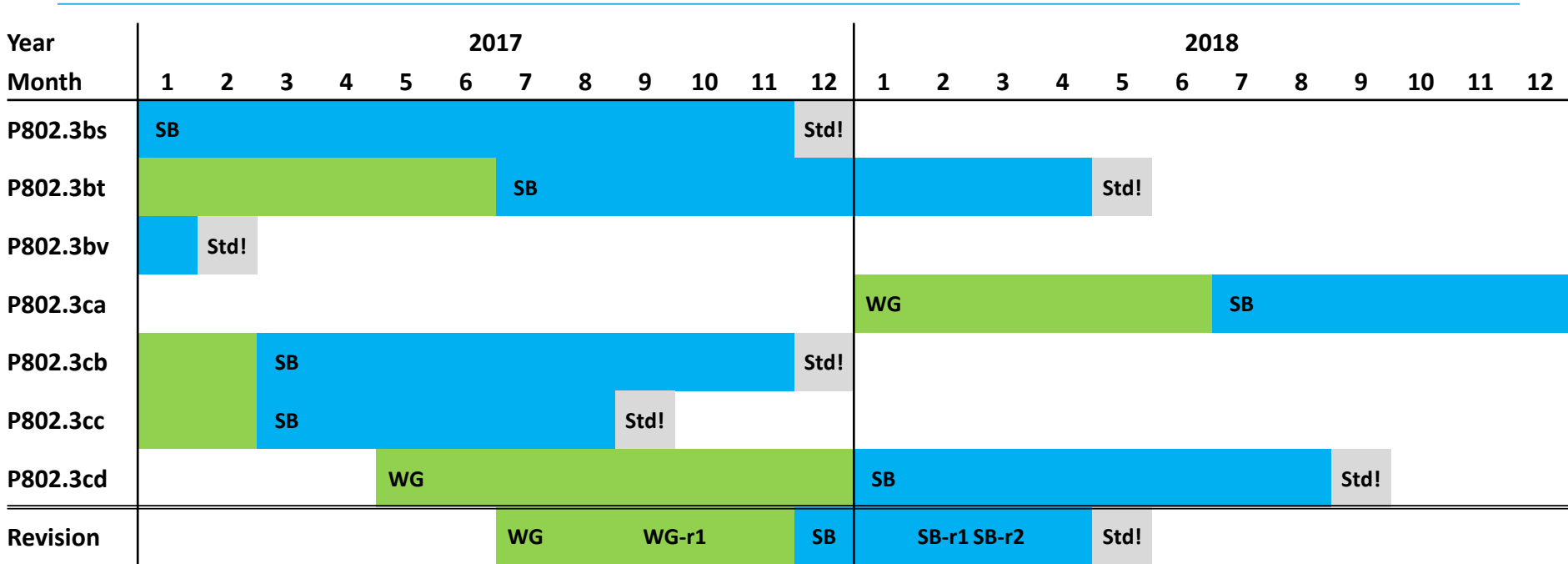
Proposed revision plan

7/13/2017	WB approval		**2/13/2018**	SB-r1 opens
7/23/2017	WB day 1		**2/27/2018**	SB-r1 closes
8/21/2017	WB closes		**3/7/2018**	Maintenance TF meeting
9/13/2017	Maintenance TF meeting		**3/9/2018**	Cond. approval Revcom submittal
9/29/2017	WB-r1 day 1		**3/14/2018**	SB-r2 opens
10/13/2017	WB-r1 closes		**3/16/2018**	Revcom submittal deadline
11/8/2017	Maintenance TF meeting		**3/28/2018**	SB-r2 closes
11/10/2017	SB approval		**4/26/2018**	Revcom telecom
12/6/2017	Amendments approved?			
12/11/2017	SB day 1			
1/9/2018	SB closes			
1/24/2018	Maintenance TF meeting			

Provision for contingent interim teleconference meeting (if conditional SB approval)

Comment to include recently approved amendments

IEEE P802.3 ballot results

- D2.0 initial Working Group ballot
  - Opened 23 July 2017, closed 21 August 2017

	D2.0				D2.1			
	Count	%		Status	Count	%		Status
		Actual	Req'd			Actual	Req'd	
Abstain	12	9.02	< 30	PASS				
Disapprove	4	-	-	-				
Disapprove w/o comment	0	-	-	-		TBA		
Approve	117	96.69	≥ 75	PASS				
Ballots returned	133	63.33	> 50	PASS				
Voters	210	-	-	-				
Comments	148 *	-	-	-				

* Includes 1 late comment.

Comment resolution

Comment agenda (34)

- Must/shall in informative notes   147
- Normative references, ANSI documents   [46, 47, 48, 49, 50, 51, 52, 54, 55]
- Normative references, TIA-455-127-A   130, 129, [128, 144, 145]
- Normative references, other   57, 59
- "on" or "within" any character of the block   94, 95, 98
- PICS   85, 86, [96, 97], 64
- The naming of things   [142, 139], 132
- Implement MR #1283   68
- Sort order for Clause 78 tables   65
- Impact of XS/AUI on LPI timing   103, 104
- TLV type instances per LLPDU   106
- Signal ordered set   37

Comment agenda, cont'd (10)

- Subclause organization   73, 74
- Improvement to MR #1299   69
- RIT COM target or maximum?   135, 136
- Equation for Gaussian filter   116
- Deprecate 100GBASE-KP4   131
- Footnote update   121
- Increase Cout limit for 1PPoDL PSE   28
- Late (Figure 98-8)   148

Revision motion

- Adopt proposed responses to remaining comments labelled "bucket" in P8023-D2p0-Comments-Proposed-byID.pdf

- Generate Draft 2.1 for Working Group ballot recirculation from D2.0 and closed comments
  - M: G. Thompson   S: M. Hajduczenia
  - Passed by voice without opposition

Future meetings

- Week of 6th November 2017
    - Orlando, FL USA

Adjourn