IEEE 802.3 Working Group Closing Plenary
12th November 2015

David Law

Chair, IEEE 802.3 Working Group

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Agenda, voter lists:
http://www.ieee802.org/3/minutes/nov15/index.html

IEEE 802.3 Officers

IEEE 802.3 Chair: David Law <dlaw@hpe.com>

IEEE 802.3 Vice Chair: Adam Healey <adam.healey@avagotech.com>

IEEE 802.3 Secretary: Pete Anslow <panslow@ciena.com>

IEEE 802.3 Executive Secretary: Steve Carlson <scarlson@ieee.org>

IEEE 802.3 Treasurer: Valerie Maguire <valerie_maguire@siemon.com>

IEEE 802.3 Task Force chairs

IEEE P802.3bn EPON Protocol over Coax (EPoC): Mark Laubach <laubach@broadcom.com>

IEEE P802.3bp 1000BASE-T1: Steve Carlson <scarlson@hspdesign.com>

IEEE P802.3bq 25G/40GBASE-T: Dave Chalupsky <david.chalupsky@intel.com>

IEEE P802.3br Interspersing Express Traffic: Ludwig Winkel <ludwig.winkel@siemens.com>

IEEE P802.3bs 400 Gb/s Ethernet: John D'Ambrosia <john_dambrosia@dell.com>

IEEE P802.3bt DTE Power via MDI over 4-Pair: Chad Jones <cmjones@cisco.com>

IEEE P802.3bu 1-Pair Power over Data Lines (PoDL): Dave Dwelley <ddwelley@linear.com>

IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber: Bob Grow <bob.grow@ieee.org>

IEEE P802.3by 25 Gb/s Ethernet: Mark Nowell <mnowell@cisco.com>

IEEE P802.3bz 2.5G/5GBASE-T: Dave Chalupsky <david.chalupsky@intel.com>

IEEE 802.3 Study Group chairs

IEEE 802.3 Next Generation Ethernet Passive Optical Network: Curtis Knittle <c.knittle@cablelabs.com>

IEEE 802.3 2.5 Gb/s and 5 Gb/s Backplane and Short Reach Copper: Yong Kim <ybkim@broadcom.com>

WG Decorum

- Photography or recording by permission only (December 2014 IEEE-SA Standards Board Ops Manual 5.3.3.2)
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (December 2014 IEEE-SA Standards Board Ops Manual 5.3.3.3)
- Cell phone ringers off
- Wear your badges at all times in meeting areas
  - Help the hotel security staff improve the general security of the meeting rooms
  - **PCs HAVE BEEN STOLEN** at previous meetings
  - **DO NOT** assume that meeting areas are secure
- Please observe proper decorum in meetings

Agenda

- Approve agenda
  - http://www.ieee802.org/3/minutes/nov15/
  - Any modifications, additions or deletions?

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.

15 March 2015

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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

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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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Membership and attendance recording
Membership requirements

- Membership requirements (gaining and retaining)
  - 75% attendance at 2 of last 4 plenary sessions
    - A qualifying interim may be substituted for one plenary
  - Request to become member during potential voter agenda item at IEEE 802.3 opening or closing plenary
  - Participate in **two** out of the last **three** IEEE 802.3 Working Group ballots to retaining membership
  - Maintain valid contact information
  - Consistent declaration of affiliation

Membership and attendance recording
Review of membership

- IEEE 802.3 voters

    http://www.ieee802.org/3/minutes/nov15/1115_voters.pdf

    Plus those added on Monday

- IEEE 802.3 voters in peril

    http://www.ieee802.org/3/minutes/nov15/1115_peril.pdf

- IEEE 802.3 potential voters

    http://www.ieee802.org/3/minutes/nov15/1115_potential.pdf

    Those added Monday marked with '(o)'

IEEE 802 Executive Committee report (p.2) Meeting for the week

- Sunday 7:30-9:30pm LMSC Rules Review (room Pryor Crocket)
- Mon 8:00-10:00am Opening Executive Committee meeting (Landmark D)
- Mon 6:00-10:00pm Tutorials (Landmark BC) Tue 9:00am-10:00am open
- Tue 8:00- 830am 802/IETF Standing Committee (Pryor Crocket)
- Tue 8:30- 900am Moving Radio Regulatory to standing committee (Pryor Crocket)
- Tue 1:30pm-3:30pm 802/JTC1/SC6 Standing Committee (Bryan-Beeman A)
- Tue 7:30-9:30pm 802E Privacy project (Cotton Bowl)
- Wed 8:00-9:00am 802/ITU Standing Committee (Pryor Crocket)
- Wed 5:00-6:00pm Moving Radio Regulatory to standing committee (Pryor Crocket)
- Thu 7:00-8:00am Plenary venue space allocation planning (Pryor Crocket)
- Thu 8:00-9:00am Future venue planning (Pryor Crocket)
- Thu 9:00-10:00am 802 Chair's Open Office hour (Pryor Crocket)
- Thu 10:30-12:30pm IEEE 802 Task Force (Pryor Crocket)
- Thu 1:30-3:30pm 802/JTC1/SC6 Standing Committee – if required (Bryan-Beeman A)
- Thu 4:00-6:00pm get 802 agreement discussion, Executive Session (Pryor Crocket)
- Fri 01pm-06pm closing Executive Committee meeting (Landmark D)

IEEE 802 Executive Committee report (p.3) IEEE 802 Task Force draft agenda

802 Task Force, Thurs 10:30AM-12:30 (room: Pryor Crocket)

Tentative agenda

1. Open portion of meeting:
    1. Update on clarification of Indemnification Policy, 5 min, Nikolich
    2. IEEE SA staff update, 15 min, tbd
    3. Any other business?
    4. Action item review, 5 min, Nikolich

2. Closed portion of meeting:
    1. No executive session business.

3. Adjourn

IEEE 802.3 Working Group
Proposed election procedures
March 2016 elections

General information & requirements

- IEEE 802 LMSC P&P specifies elections occur the first plenary meeting of even numbered years
- IEEE 802 LMSC Officers
  - LMSC Chair will be elected by current Executive Committee during Friday, 18th March 2016 EC meeting
  - TAG/WG Chair and Vice Chair elected by respective groups
  - LMSC officers are appointed by the Chair and confirmed by the EC
- IEEE 802.3 Chair and Vice Chair
  - Any candidates are requested to consult with a member of the EC and announce their candidacy
  - All candidates shall assure they are eligible for confirmation at the March closing EC meeting, and submit for eligibility review:
    - Letter of support
    - Affiliation statement

IEEE 802.3 Election Process (p.1)

- Opening IEEE 802.3 plenary meeting (March 2016)
  - Candidates may announce before or during the opening IEEE 802.3 plenary session agenda item
  - If a paper ballot is to be used, it must be mandated by motion during the opening plenary meeting agenda item
  - Nominations will be closed at the end of the meeting

- Closing IEEE 802.3 plenary meeting (March 2016)
  - An Elections Chair will be established for each election
    - Current IEEE 802.3 Chair if not standing for election to the office
    - Else, if not a candidate for the office, current Vice Chair conducts election of Chair, current Chair conducts election of Vice Chair
    - Else, an Elections Chair will be selected by vote of the WG
  - Candidates will be granted time for brief statements
  - Candidates will leave the room during WG discussion prior to a vote

IEEE 802.3 Election Process (p.2)

- Only IEEE 802.3 members may vote
- Default method of voting is by show of hands with candidates absent from room
  - If no candidate receives a majority of votes cast, a subsequent vote will be conducted
  - On each iteration the candidate with lowest vote count from the previous ballot is eliminated and may return to the room
  - Acting chair may allow limited discussion between ballots
- If a paper ballot was mandated by majority motion
  - Candidates may be present during voting
  - Similar multiple rounds of balloting if required
  - The Elections Chair shall select two monitors to assist in
    - The distribution and counting of ballots
    - Ballots shall be counted in the meeting room
    - A ballot must be marked for only one of the listed candidates to be counted

IEEE 802.3 Election Process Motion

- Adopt the election rules as shown in 1115_802_3_closing_plenary.pdf.

Review other IEEE 802 PARs

External liaison letters

Continuing Agenda ...