IEEE 802.3 Working Group Closing Plenary
13th July 2017

David Law

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Agenda, voter lists:
http://www.ieee802.org/3/minutes/jul17/index.html

IEEE 802.3 Officers

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

IEEE 802.3 Vice Chair: Adam Healey <adam.healey@broadcom.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 P802.3bs 200 Gb/s and 400 Gb/s Ethernet: John D'Ambrosia <jdambrosia@ieee.org>

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

IEEE P802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s EPON: Curtis Knittle <c.knittle@cablelabs.com>

IEEE P802.3cb 2.5 Gb/s and 5 Gb/s Backplane Cables: Dan Smith <daniel.f.smith@seagate.com>

IEEE P802.3cc 25 Gb/s Ethernet over Single-Mode Fiber: David Lewis <David.Lewis@lumentum.com>

IEEE P802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet: Mark Nowell <mnowell@cisco.com>

IEEE 802.3.2 (IEEE 802.3cf) YANG Data Model: Yan Zhuang <zhuangyan.zhuang@huawei.com>

IEEE P802.3cg 10 Mb/s Single Twisted Pair Ethernet: George Zimmerman <george@cmephyconsulting.com>

IEEE P802.3ch Multi-Gig Automotive Ethernet PHY: Steve Carlson <scarlson@ieee.org>

WG Decorum

- Photography or recording by permission only (December 2016 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 2016 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/jul17/
  - 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.

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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

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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Important Bylaws and Rules

- IEEE-SA Operations Manual
  - http://standards.ieee.org/develop/policies/sa_opman/
- IEEE-SA Standards Board Bylaws
  - http://standards.ieee.org/develop/policies/bylaws/
- IEEE-SA Standards Board Operations Manual
  - http://standards.ieee.org/develop/policies/opman/
- IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures
  - http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf
- IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual
  - http://www.ieee802.org/devdocs.shtml
- IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures
  - http://www.ieee802.org/devdocs.shtml
- IEEE 802.3 Working Group Operating Rules
  - http://ieee802.org/3/rules/P802_3_rules.pdf

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)

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/jul17/0717_voters.pdf

  Plus those added on Monday

- IEEE 802.3 voters in peril

  http://www.ieee802.org/3/minutes/jul17/0717_peril.pdf

- IEEE 802.3 potential voters

  http://www.ieee802.org/3/minutes/jul17/0717_potential.pdf

  Those added Monday marked with '(o)'

IEEE 802 Executive Committee report
Cross-IEEE 802 topics

Monday	Notes
18:00-19:20 Tutorial: Practical PoE	ECC Room 1
19:30-20:50 Tutorial Optical Wireless	ECC Room 1
21:00-22:30 Tutorial 802 Ethernet for Automotive	ECC Room 1
Tuesday	
13:30-15:30 802/JTC1 Standing Committee, Myles	Room: 30441 4th fl.
13:30-15:30 802/IETF Standing Committee, Thaler	not being held this week
19:00-21:00 802.1 Industry Connections: Network Enhancements for the next decade	Room: tbd
Wednesday	
08:00-09:00 802/ITU Standing Committee, Parsons	Room: 30241 2nd fl.
19:00-21:30 Social Reception	Estrel Berlin Boat Dock
Thursday	
07:30-08:00 Next Venue Logistics, Rosdahl 08:00-09:00 Future Venues Ad Hoc, Rosdahl 09:00-10:00 802 Chair's Open Office Hours, Nikolich	Room: 30241 2nd fl.
13:30-15:30 802/JTC1 Standing Committee, Myles	Room: 30441 4th fl.

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IEEE 802 Executive Committee report Meeting for the week

Sunday 19:30-21:30   LMSC Rules Review

Mon 08:00-10:00   Opening Executive Committee meeting

Tue 07:00-9:00   Open Source discussions   Parsons
Tue 13:30-15:30   802/JTC1/SC6   Standing Committee
Tue 13:30-15:30   ~~802/IETF~~   ~~Standing Committee~~
Tue 16:00-18:00

Wed 08:00-09:00   802/ITU   Standing Committee

Thu 07:30-08:00   Plenary venue space allocation planning
Thu 08:00-09:00   Future venue planning
Thu 09:00-10:00   802 Chair's Open Office hour
Thu 10:30-12:30pm   IEEE 802 Task Force
Thu 13:30-15:30   ~~802/JTC1/SC6~~   ~~Standing Committee~~
Thu 16:00-18:00pm   open

Fri 08:00-10:00   open
Fri 10:00-12:00   closing EC agenda prep
Fri 13:00-18:00   closing Executive Committee meeting

IEEE 802 Executive Committee report
IEEE 802 Task Force draft agenda

802 Task Force Thurs 10:30AM-12:30

Tentative agenda

1. Open portion of meeting:
   1. IEEE SA staff update, 15 min, Goldberg
   2. Any other business?
   3. Action item review, 5 min, Nikolich

2. Closed portion of meeting (as necessary):
   1. (Time specific 11:30am) IEEE SA tools update/discussion, 15 min, Nikolich + SA staff on phone

3. Adjourn

Continuing Agenda ...