IEEE 802.3 Working Group Opening Plenary
7th November 2011

David Law
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Agenda, voter lists:
http://www.ieee802.org/3/minutes/nov11/index.html

IEEE 802.3 Officers

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

IEEE 802.3 Vice Chair: Wael William Diab <wdiab@broadcom.com>

IEEE 802.3 Secretary: Adam Healey <adam.healey@lsi.com>

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

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

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision):
                    Howard Frazier <hfrazier@broadcom.com>

IEEE 802.3bj 100 Gb/s Backplane and Copper Task Force:
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IEEE 802.3 Next Generation 100 Gb/s Optical Ethernet Study Group:
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                    Marek Hajduczenia <marek.hajduczenia@zte.pt>

IEEE 802.3 Maintenance: Wael William Diab <wdiab@broadcom.com>

WG Decorum

- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2008 SASB Op Manual 5.3.3.5)
- Photography or recording by permission only (5.3.3.4)
- 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
  - Any modifications, additions ?

Minutes

- Approve Minutes
  - July 2011 minutes
    - Any corrections, modifications, additions ?

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 consistent with the ANSI patent policy and 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 12 and 12a 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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25 March 2008 (updated 29 March 2011)

(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**
    - **"Personal awareness" means that the participant "is personally aware that the holder may have a potential Essential Patent Claim," even if the participant is not personally aware of the specific patents or patent claims**
  - **"Should inform the IEEE (or cause the IEEE to be informed)" of the identity of "any other holders of such 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**

25 March 2008 (updated 29 March 2011)

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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

25 March 2008 (updated 29 March 2011)

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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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IEEE 802.3 Standards

- IEEE Std 802.3™-2008 (26 Dec 08 / 26 Dec 08)*

    - IEEE Std 802.3av™-2009 (11 Sep 09 / 30 Oct 09)*
    - IEEE Std 802.3bc™-2009 (11 Sep 09 / 28 Sep 09)*
    - IEEE Std 802.3at™-2009 (11 Sep 09 / 30 Oct 09)*
    - IEEE Std 802.3-2008/Cor1-2009™ (9 Dec 09 / 1 Feb 10)*
    - IEEE Std 802.3ba™-2010 (17 Jun 10 / 22 Jun 10) *
    - IEEE Std 802.3az™-2010 (30 Sep 10 / 27 Oct 10) *
    - IEEE Std 802.3bg™-2011 (31 Mar 11 / 31 Mar 11)
    - IEEE Std 802.3bf™-2011 (16 May 11 / 15 Jul 11)
    - IEEE Std 802.3bd™-2011 (16 Jun 11 / TBD)

- IEEE Std 802.3.1™-2011 (16 May 11 / 5 Jul 11)

* Available through Get IEEE 802
   http://standards.ieee.org/getieee802/802.3.html

Note 1: Dates are Approval date / Publication date

Interim meetings held since July

- 12th through 15th September 2011 Chicago, IL, USA
  - IEEE P802.3 (IEEE 802.3bh) Maintenance #10 (Revision)
  - IEEE P802.3bj 100 Gb/s Backplane and Copper
  - IEEE 802.3 Ethernet Bandwidth Assessment Ad Hoc
  - IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIB (Revision)
  - IEEE 802.3 Next Generation 100Gb/s Optical Ethernet Study Group
  - IEEE 802.3 Extended EPON Study Group

IEEE 802.3 ballots since July

- Working Group Ballots:
  - IEEE P802.3 (IEEE 802.3bh) initial ballot
  - IEEE P802.3 (IEEE 802.3bh) 1st recirculation ballot

- Sponsor Ballots:
  - None

- Sponsor Ballots group formations
  - IEEE P802.3 (IEEE 802.3bh)

WG documents for November business

- IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIB (Revision)
  - IEEE P802.3.1/D1.0 (Working Group preview)

- IEEE P802.3 (IEEE 802.3bh) Maintenance #10 (Revision)
  - IEEE P802.3/D2.1 (1st Working Group recirculation ballot) and ballot comments

Membership and Attendance

- 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 802.3 potential voter agenda item
  - Participate in 2 of last 3 WG ballots (retaining membership)
  - Maintain valid contact information
  - Consistent declaration of affiliation

Meeting attendance tool procedures

Adam Healey

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Reflectors and WG information

- IEEE 802.3 Working Group reflector <stds-802-3@ieee.org>
  - Not general discussion reflector
  - Subscription limited to members and observers
  - Monitored reflector for announcements of WG business
  - Archive is password protected
- IEEE 802.3 dialog reflector <stds-802-3-dialog@ieee.org>
  - Location for appropriate non project related discussion
- Meeting announcements
  - Sent to IEEE 802.3 and relevant TF/SG reflector(s)
- IEEE 802.3 TF/SG reflectors
  - Location for appropriate project related discussion
  - Subscription instructions are on the related TF/SG web page
- IEEE 802.3 Working Group web site
  - www.ieee802.org/3
  - Private areas access information announced in reports

802.3 Membership

- ## IEEE 802.3 voters

  http://www.ieee802.org/3/minutes/nov11/1111_voters.pdf

- ## IEEE 802.3 voter in peril

  http://www.ieee802.org/3/minutes/nov11/1111_peril.pdf

- ## IEEE 802.3 potential voters

  http://www.ieee802.org/3/minutes/nov11/1111_potential.pdf

IEEE 802.3 Working Group Treasurer's Report

Valerie Maguire

IEEE 802.3 Working Group Treasurer

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Standards Board highlights September

- NesCom recommendations
  - IEEE P802.3bj 100 Gb/s Backplane and Copper Cable Task Force PAR approval

- RevCom recommendations
  - None

- PatCom items
  - See below

- ProCom items
  - See below

- Standards Board
  - See below

Changes in 2012

1) Elimination of Reaffirmation/Stabilization (1/1/2012)
2) Elimination of Interpretations (1/1/2012)
3) Change to ANSI Balance Rule (3/1/2012)
4) Elimination of Invited Experts (1/1/2012)
5) Change to Match Rule (1/1/2012)
6) Change to Public Notice/Patent Disclaimer (1/1/2012)

LMSC EC Report (p.1)

- Treasury
  - July (actual): 817 reg, 50K deficit, F&B and social
  - Nov (estimated): 785 reg, 23K surplus
- IEEE 802 Overview and Architecture (Chicago E)
  - Tue and Thu 8:00AM to 10:00AM
- EC Workshop on Sat/Sun
- ISO/IEC JTC1/SC6 (Edgewood)
  - Next ISO/IEC JTC1/SC6 meeting
    - Second week of February in China
  - Tuesday 1:30 (IEEE 802 wide discussion)
  - Wed 1:30 and Thu 1:30 (IEEE 802.11 centric)

LMSC EC Report (p.2)

- IEEE 802 Chairs meeting (Chicago E)
  - Tuesday
    - 8-10am 802 Architecture
    - 1:30-3:30pm JTC1 ad hoc
      (joint with 802.11 ad hoc in Edgewood Conf Cntr Lvl)
    - 5-6pm July 2013 Plenary Session Venue
  - Wedensday
    - 9-10:30am Joint 802.1/802.3 discussion on Pre-emption (Regency V)
    - 9-10am Treasurer items
    - 10-11am subcontractor contract discussions
    - 1:00-3pm IEEE 802 Task Force
    - 3:00-3:30pm Consolidation vs Edition discussion
    - 3:30-5pm SA's International activities (e.g. MOUs, etc.) & impact on 802
  - Thursday
    - 8-10am IEEE 802 Architecture

LMSC EC Report (p.3)

- IEEE 802 Task Force Agenda (Wed 1-3, Chicago E)
    1. Single Copy Sales Channel--update (McCabe)
    2. SA Policy Changes (Bennett)
        1. Ballot pool balance
        2. Invited expert
        3. Reaffirmation and Stabilization
        4. Interpretations
    3. IEEE SA eTools update (Boyce)
    4. Network Services contract update (Rosdahl)
    5. July 2013 venue (Heile)
    6. Status of Registration Authority memo (
    7. Editions vs Consolidations (McCabe)
    6. Action item review – Nikolich
    7. Adjourn

Tutorials

- Tutorials
  - Monday 6:00 - 7:30 PM
    - Introduction to IEEE Std. 802.22-2011 and its Amendment PAR for P802.22b: Broadband Extension and Monitoring
  - Monday 7:30 - 9:00 PM
    - Smart Grid Update - 2011

Continuing Agenda ...