IEEE 802.3 Working Group Opening Plenary 12th March 2012

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Agenda, voter lists:
http://www.ieee802.org/3/minutes/mar12/index.html

IEEE 802.3 Officers

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

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IEEE 802.3 Maintenance Task Force:
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IEEE P802.3bj 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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IEEE 802.3 Extended Ethernet Passive Optical Networks Study Group:
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IEEE 802.3 EPON Protocol over a Coax (EPoC) PHY Study Group:
Howard Frazier <hfrazier@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
  - November 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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(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**

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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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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 / 10 Aug 11)*

- 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 November

- 23rd through 27th January 2012 Newport Beach, CA, USA
  - IEEE 802.3 Maintenance Task Force
  - IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIB (Revision) Task Force
  - IEEE P802.3bj 100 Gb/s Backplane and Copper Task Force
  - IEEE 802.3 Ethernet Bandwidth Assessment Ad Hoc
  - IEEE 802.3 Next Generation 100Gb/s Optical Ethernet Study Group
  - IEEE 802.3 Extended EPON Study Group
  - IEEE 802.3 EPON Protocol over a Coax (EPoC) PHY Study Group

IEEE 802.3 ballots since November

- Working Group Ballots:
  - IEEE P802.3.1 (IEEE 802.3.1a) initial ballot

- Sponsor Ballots:
  - IEEE P802.3 (IEEE 802.3bh) initial sponsor ballot

- Sponsor Ballots group formations
  - IEEE P802.3.1 (IEEE 802.3.1a)

WG documents for March business

- IEEE P802.3 (IEEE 802.3bh) Maintenance #10 (Revision)
    - IEEE P802.3/D3.0 (Initial sponsor 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

IEEE 802.3 Working Group Secretary

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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/mar12/0312_voters.pdf

- ## IEEE 802.3 voter in peril

  http://www.ieee802.org/3/minutes/mar12/0312_peril.pdf

- ## IEEE 802.3 potential voters

  http://www.ieee802.org/3/minutes/mar12/0312_potential.pdf

IEEE 802.3 Working Group Treasurer's Report

Valerie Maguire

IEEE 802.3 Working Group Treasurer

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IEEE-SA Governance highlights December

- NesCom recommendations
  - None

- RevCom recommendations
  - None

- Items of note
  - Definition of Amendments, Corrigendum, Erratum
  - Scope of ballots
  - Duration of sponsor ballots
  - Joint individual and entity balloting

LMSC EC Report (p.1)

- **Memorials for Jim Carlo and Don Loughry**
  - Dawn Slykhouse has the memorial books
- **Elections**
  - Paul Nickolich is standing for re-election
  - Some changes to appointed positions if re-elected
    - 1st Vice-chair: Pat Thaler
    - 2nd Vice-chair: James Gilb
    - Recording Secretary: John D'Ambrosia
    - Treasurer: Clint Chaplin
    - Executive Secretary: Jon Rosdahl
    - Meeting Manager Member Emeritus: Buzz Rigsbee
    - Member Emeritus: Geoff Thompson
- **IEEE 802.3 elections**
  - Nominations close at end of this opening plenary

LMSC EC Report (p.2)

- Treasury
  - November had 747 registration, slight lower than budget
  - Reserve currently healthy $1.4M
  - March projecting 650 registrations
- Tools
  - Changes to IEEE Web Accounts
    - Moving from username to email address
- IEEE 802 University Outreach
  - Approved
- IEEE 802 Overview and Architecture
  - Approval rate increased from 24% to 74%
  - Comment resolution meeting this week
    - Waters Edge boardroom
      - Monday 7:00PM to 9:00PM
      - Tuesday 4:00PM to 6:00PM
      - Thursday 8:00AM to 10:00AM

LMSC EC Report (p.3)
IEEE 802 EC meetings for the week

(meeting rooms: default-Waters Edge Boardroom,
else-Kona II, Kohala III, Kohala IV as specified below)

- Monday 7-9pm   802 Architecture

- Tuesday 1:30pm-3pm   Network Service Provider contract review (executive session)
- Tuesday 1:30pm-3:30pm   JTC1 ad hoc (cross 802 related topics, in Kona II)
- Tuesday 3pm-4pm   July 2013 Geneva venue preparation
- Tuesday 4-6pm   802 Architecture
- Tuesday 6-7pm   EC Workshop action item follow up

- Wed noon-1pm   Future Plenary Session Venue options review
- Wed 1:30pm-3:30pm   JTC1 ad hoc (mostly 802.11 related, in Kohala III)
- Wed 3:30-4:30pm   P&P change review/comment
- Wed 4-6pm   802 EC Smart Grid/Smart Utility Network ad hoc discussions (Kohala IV)

- Thursday 8am-9am   802 Architecture
- Thursday 9am-10am   802 EC Smart Grid/Smart Utility Network ad hoc discussions
- Thursday 10-noon   IEEE 802 Task Force
- Thursday 1:30pm-3:30pm   JTC1 ad hoc (mostly 802.11 related, in Kona II)

- Friday 10am-11am   open

LMSC EC Report (p.4) IEEE 802 Task Force agenda

- 802 Task Force, Thurs 10AM-Noon 802 Boardroom (WatersEdge)
  - Tentative agenda
  1. Single Copy Sales Channel--update (McCabe)
  2. getIEEE 802 update (McCabe)
  3. IEEE SA Etools update (Boyce)
  4. Legal/risk policy evolution update (McCabe)
  5. Discussion regarding Editions vs Consolidations (Turner)
  6. Document publication priority update (Turner)
  7. Service Outages (Grow)
  8. International Activities Update (Haasz)
  9. Any Other Business?
  10. Action item review – Nikolich
  11. Adjourn

IEEE 802 JTC1 Standing Committee

- Meeting Tuesday, Wednesday and Thursday
  - 1:30PM to 3:30PM in Kona II
- Tuesday meeting
  - The 'conditions' under which IEEE 802.1 and IEEE 802.3 might be submitted in future
    - IEEE 802 specific MOU submitted to SC6
    - Question and clarifications have been returned from SC6
    - Target to have MoU signed by September
  - IEEE 802.1X/AE replacement proposal
  - IEEE 802.16 security replacement proposal

Tutorials

- Tutorials
  - None

Continuing Agenda ...

IEEE 802.3 Working Group Opening Plenary – March 2012