

IEEE 802.3 Working Group Opening Plenary 18th July 2011

David Law
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Agenda, voter lists:
<http://www.ieee802.org/3/minutes/jul11/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 P802.3bd MAC Control Frame for Priority-based Flow Control

This project is being undertaken by the IEEE 802.1 DCB Task Group

IEEE P802.3bf Time Synchronization: Steve Carlson (scarlson@ieee.org)

IEEE P802.3bg 40Gb/s Ethernet Single-mode Fiber PMD: Mark Nowell
(mnowell@ieee.org)

IEEE 802.3 100 Gb/s Backplane and Copper Study Group: John D'Ambrosia
(jdambrosia@ieee.org)

IEEE 802.3 Maintenance: Wael William Diab (wdiab@broadcom.com)

IEEE P802.3.1 Ethernet MIB: 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
 - March 2011 minutes
 - Uploaded 13th June
 - 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.



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

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>



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.

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 March

- 24th through 27th May 2011 Lake Tahoe, NV, USA
 - IEEE P802.3.1 Ethernet MIBs Task Force
 - IEEE 802.3 Maintenance Task Force
 - IEEE 802.3 100 Gb/s Backplane and Copper Study Group
 - IEEE 802.3 Ethernet Bandwidth Assessment ad hoc

IEEE 802.3 ballots since March

- Working Group Ballots:
 - None
- Sponsor Ballots:
 - IEEE P802.3bf D3.1, 2nd recirculation ballot
- Sponsor Ballots group formations
 - None

WG documents for July business

- IEEE P802.3 (IEEE 802.3bh) Maintenance #10 (Revision)
 - IEEE P802.3/D2.0 (Working Group preview)
- IEEE 802.3 100 Gb/s Backplane and Copper Study Group
 - IEEE P802.3bj Physical Layer specifications and Management parameters for 100 Gb/s operation over Backplanes and Copper Cable draft PAR, draft 5 Criteria and draft Objectives

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/jul11/0711_voters.pdf

- **IEEE 802.3 voter in peril**

http://www.ieee802.org/3/minutes/jul11/0711_peril.pdf

- **IEEE 802.3 potential voters**

http://www.ieee802.org/3/minutes/jul11/0711_potential.pdf

IEEE 802.3 Working Group Treasurer's Report

Valerie Maguire
IEEE 802.3 Working Group Treasurer
valerie_maguire@siemon.com

Standards Board highlights (p.1)

March, June

- NesCom recommendations
 - June
 - IEEE P802.3.1 Ethernet MIBs revision
- RevCom recommendations
 - March
 - IEEE Std 802.3bg-2011 40Gb/s Ethernet Single-mode Fibre PMD
 - May (continuous processing)
 - IEEE Std 802.3bf-2011 Time Synchronization
 - IEEE Std 802.3.1-2011 Ethernet MIBs
 - June
 - IEEE Std 802.3bd Priority-based Flow Control
- PatCom items
 - Public Notice in published standards
 - Move from one of two dependant on submitted LoAs to just one

Standards Board highlights (p.2)

March, June

- ProCom items
 - Access to Ballot Group Information
 - Elimination of Interpretations process
 - Scope in an amendment
 - All subsequently approved by email ballot
- Standards Board
 - Corporate influence ad hoc
 - Continued discussion of proposal to trigger on two or more participants from a single affiliation
 - Reaffirmations ad hoc
 - Eliminate and replace with 10 year revision
 - Proposal approved, implementation continuing
 - Marching rule Ad Hoc
 - Support for new balloting text, continued implementation

LMSC EC Report (p.1)

- IEEE 802 Treasury
 - Singapore meeting
 - Approximately 700 attendees
 - Showing small surplus
 - San Francisco meeting
 - Estimate 825 attendees
- IEEE 802 Overview and Architecture
 - Comment resolution meeting
 - 8AM to 10AM Tuesday, 8AM to 10AM Thursday
- RAC
 - Meeting 6PM to 10PM Thursday
 - Additional tiers
 - Machine virtualization
- March 2012 plenary

LMSC EC Report (p.2)

- ISO/IEC JTC1/SC6 related meetings
 - Monday 4PM to 6PM
 - IEEE-SA ISO/IEC PSDO overview
 - Discussion by no decisions
 - What should IEEE 802 do about the proposal to withdraw existing ISO/IEC 8802 series standards in JTC1?
 - Should IEEE 802 submit any further standards for ratification by SC6?
 - Three other meetings during the week
 - Tuesday 4:00PM to 6:00PM
 - Wednesday 8:00AM to 10:00AM
 - This is when IEEE 802.3 and ISO/IEC 8802-3 will be discussed
 - Thursday 10:30AM to 12:30PM

LMSC EC Report (p.3)

- IEEE 802 Task Force Agenda
 - 1. Single Copy Sales Channel--update (McCabe)
 - 2. JTC1/SC6 update regarding potential 802 items
 - 3. GetIEEE 802 budget (Grow)
 - 4. Status of 'fast publishing' trial (Turner)
 - 5. ITU-T IEEE external representative
 - Messenger rejected, replacement?
 - 6. Action item review – Nikolich
 - 7. Adjourn

Tutorials

- Tutorials
 - Monday 6:00 - 7:30 PM
 - ALOHA to the Web
 - Monday 7:30 - 9:00 PM
 - Geolocation Technologies Suitable to Meet Regulatory Requirements in TV Whitespaces

Continuing Agenda ...