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# **IEEE 802.3 Working Group Opening Plenary 16 July 2007**

Robert M. Grow  
Chair, IEEE 802.3 Working Group  
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# Administrative agenda

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- Introductions and General announcements
  - Committee decorum
  - Logistics
- Revise/Approve agenda
  - [www.ieee802.org/3/minutes/jul07](http://www.ieee802.org/3/minutes/jul07)
- General WG Business
  - Approve March 2007 minutes
  - Activities since last plenary meeting
  - Attendance procedures
  - Membership lists
  - Patent policy / Call for Patents

# Introductions

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- **Officers**

- 802.3 Chair: Bob Grow (bob.grow@ieee.org)
- 802.3 Vice Chair: David Law (david\_law@3com.com)
- 802.3 Exec. Secretary: Steve Carlson (scarlson@esta.org)
- 802.3 Secretary: Wael Diab (wdiab@broadcom.com)
- 802.3 Treasurer: Brad Booth (bbooth@ieee.org)
- P802.3ar Congestion Mgt: contact WG Chair
- P802.3at DTE Power via the MDI Enhancements: Mike McCormack (mike\_mccormack@ti.com)
- P802.3av 10G EPON SG: Glen Kramer (glen.kramer@teknovus.com)
- Higher Speed Study Group: John D'Ambrosia (jdambrosia@force10networks.com)
- Energy Efficient Ethernet Study Group: Mike Bennett (mjbennett@lbl.gov)

# WG Decorum

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- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2007 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

# Published Standards

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- IEEE Std 802.3<sup>TM</sup>-2005 (12 Dec 2005)\*
  - IEEE Std 802.3-2005/Cor 1-2006 (26 Jun 2006)\*
  - IEEE Std 802.3an<sup>TM</sup>-2006 (1 Sep 2006)\*
  - IEEE Std 802.3aq<sup>TM</sup>-2006 (16 Oct 2006)\*
  - IEEE Std 802.3as<sup>TM</sup>-2006 (13 Nov 2006)\*
  - IEEE Std 802.3ap<sup>TM</sup>-2007 (22 May 2007)
  - IEEE Std 802.3-2005/Cor 2-2007 (pending)
  
- IEEE Std 1802.3<sup>TM</sup>-2001\*

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

# Reflectors and WG information

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- IEEE 802.3 Working Group ([stds-802-3@ieee.org](mailto:stds-802-3@ieee.org)) is a monitored reflector for announcements of WG business
  - Not a general discussion reflector
  - Subscription limited to members and observers
  - Archive is password protected
- IEEE 802 plenary meeting announcements may be received by subscribing to: [stds-802-all@.ieee.org](mailto:stds-802-all@.ieee.org)
- IEEE 802.3 interim meetings are announced on the 802.3 and relevant TF/SG reflector
- IEEE 802.3 TF/SG reflectors are the location for appropriate project related discussion
- Reflector subscription
  - Instructions on the 802.3 and TF/SG web pages
- Web site
  - [www.ieee802.org/3](http://www.ieee802.org/3)
  - Access information to private areas is announced by Vice Chair, TF/SG Chairs and in WG announcements

# WG documents for July business

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- P802.3ar/D1.3 (Congestion Management)
  - Current and proposed modified PAR, Five Criteria and Objectives
- P802.3at (DTE Power Enhancements)
  - P802.3at/D0.8 (editors draft)
- IEEE Std 802.3 Revision material
  - 802.3ax / P802.3/D1.1
  - P802.3/D1.1 (1<sup>st</sup> WG recirculation ballot) comments
  - 802.3ay / P802.1AX/D1.1
  - P802.1AX/D1.1 (1<sup>st</sup> WG recirculation ballot) comments
- Posted maintenance, interpretation and rules requests

# Interim TF & SG meetings held

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- Ottawa, ON, Canada 17-19 Apr 2007
  - Higher Speed SG
  - Energy Efficient Ethernet SG
- Geneva, Switzerland 28-31 May 2007
  - P802.3at, DTE Power Enhancements
  - P802.3av, 10G EPON
  - Higher Speed SG
  - Energy Efficient Ethernet SG
  - Maintenance (802.3ax, 802.3ay)



# 802.3 ballots since March

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- Working Group Ballots:
  - 802.3ax (P802.1AX), D1.0, initial
  - 802.3ay (P802.3), D1.0, initial
  - 802.3ax (P802.1AX), D1.1, recirculation
  - 802.3ay (P802.3), D1.1, recirculation
- Sponsor Ballots:
  - P802.3/Cor2, initial

# Membership and Attendance

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- Membership requirements (gaining and retaining)
    - 75% attendance at 2 of last 4 plenary meetings (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)
    - Maintain valid contact information (update in “red” book)
    - Consistent declaration of affiliation
  - Attendance books
    - Declare affiliation
    - Sign in each day, only for that day, only for yourself, and not for any other Working Group (no parallel sign-ins)
    - Blue book – members and observers (i.e., all that signed in the 802.3 books during the last year)
    - Red Book – new attendees & update contact information
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# Failed 2 of 3 ballot requirement p.1

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Akasaka, Youichi (2 of 2)

Alping, Arne (3 of 3)

Brown, Matt (3 of 3)

Cain, Jeff (2 of 3)

Carroll, J. Martin (2 of 2)

Chadha, Mandeep (2 of 2)

\*Chalupsky, David (2 of 3)

Chang, Frank (3 of 3)

\*Claseman, George (2 of 3)

Cunningham, David (3 of 3)

Darshan, Yair (2 of 3)

DeNicholas, Joe (3 of 3)

DeSanti, Claudio (2 of 3)

Dhamejani, Suveer (2 of 3)

Di Minico, Chris (3 of 3)

\*Effenberger, Frank J (2 of 2)

Flatman, Alan (3 of 3)

Hajduczenia, Marek (2 of 3)

Jørgensen, Thomas K. (2 of 3)

Katzenberg, Boris (3 of 3)

Koenen, David J. (3 of 3)

\*Kolesar, Paul (2 of 3)

Krellner, Jan (2 of 3)

Langston, Daun (3 of 3)

Lapak, Jeff (2 of 3)

Lee, Dong-Soo (3 of 3)

Lertniphonphun, Worayot (3 of 3)

Lynch, Jeffrey (2 of 3)

Mathey, Thomas (2 of 3)

McCormack, Michael S (3 of 3)

# Failed 2 of 3 ballot requirement p.2

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Moore, Charles (3 of 3)

Mueller, Wayne A. (3 of 3)

Nicholl, Gary (2 of 2)

Nordin, Ron (3 of 3)

Nowell, Mark (2 of 2)

\*O'Hara, Steven (2 of 3)

Olsson, Bengt-Erik (2 of 2)

Oulundsen, III, George (3 of 3)

Palkert, Tom (3 of 3)

Parker, Tim (2 of 2)

Patoka, Martin (3 of 3)

Posthuma, Carl R. (2 of 2)

Rabinovich, Rick (3 of 3)

\*Remein, Duane (2 of 3)

Saeki, Naoto (3 of 3)

Sastry, Ramesh (3 of 3)

\*Savi, Olindo (2 of 3)

Sawyer, T. Shannon (3 of 3)

Schindler, Fred (3 of 3)

\*Shigematsu, Masayuki (2 of 2)

Swanson, Steve (2 of 3)

Takahashi, Akira (3 of 3)

Tomaszewski, Peter (2 of 3)

Tsuji, Shinji (2 of 2)

Vaden, Sterling A. (3 of 3)

\*Vetteth, Anoop (3 of 3)

Wang, Chenxi (2 of 3)

Yamashita, Hajime (3 of 3)

Yang, Yinglin (Frank) (2 of 3)

\*Yoon, Bin Yeong (3 of 3)

# Failed 2 of 3 ballot requirement p.3

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\*Suzuki, Ken-Ichi (2 of 2)

\*Zimmerman, George (2 of 3)

**\* Cast qualified ballot  
in recirculation**

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# Deleted as voters (p. 1)

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<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Abler, Joe	IBM	
Ahmed, Taufique	Akros Silicon Inc.	
Altman, Michael	Akros Silicon Inc.	Akros Silicon Inc.
Babanezhad, Joseph N	Plato Networks	Plato Networks
Brownlee, Phillip	Coilcraft	Coilcraft
Chang, Luke	Intel Corporation	
Collum, James	Tyco Electronics Corp	
Dinh, Thuyen	Pulse	
Ghoshal, Sajol	Akron Silicon, Inc.	Akron Silicon
Jimenez, Andrew C.	Anixter, Inc.	
Mellitz, Richard	Intel Corporation	
Noseworthy, Bob	Univ of New Hampshire	UNH-IOL
Peker, Arkadiy	PowerDsine, Inc.	
Picard, John	Texas Instruments	

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# Deleted as voters (p. 2)

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<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Popescu, Petre	Astar	Astar
Radhakrishnan, Prakash	Intel Corporation	
Robbins, Steve	Linear Technology Corp	Linear Technology
Smith , Andrew	Power Integrations	Power Integrations
Spagna, Fulvio	Intel Corporation	
Telang, Vivek	Broadcom Corp	

# 802.3 member rights & responsibilities

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- Membership isn't just the right to vote on your favorite project, it includes responsibilities
- Members of IEEE 802.3 are expected to support WG activities
  - Attend WG meetings
  - Become knowledgeable about the breadth of IEEE 802.3 activities
  - Review drafts and vote on them in WG ballots
  - Support the maintenance of our standards
  - Support the interpretation of our standards



# Another anonymous letter

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- A recent letter from “Anonymous” complains about the deletion of 802.3 members
- Participant right of appeal is one of IEEE-SA’s fundamental principles
- All participants are subject to the IEEE Code of Ethics and there is a defined mechanism for lodging ethics complaints
- The deletion of voters complained about in the letter was an action covered by the right of appeal

# 802.3 Members (voters) p.1

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Abbott, John

Akasaka, Youichi

Alping, Arne

Anslow, Pete

Barnette, Jim

Barrass, Hugh

Barrick, Scott

Baumer, Howard

Beaudoin, Denis

Beck, Michaël

Beia, Christian

Bennett, Mike

Booth, Brad

Braun, Ralf-Peter

Brearley, Dave

\*Brown, Matt

Brunner, Robert

Busse, Robert

Cain, Jeff

Carlson, Steve

Carroll, J. Martin

Chadha, Mandeep

Chalupsky, David

Chang, Frank

Claseman, George

Cobb, Terry

D'Ambrosia, John

Daido, Fumio

Dallesasse, John

Darshan, Yair

Dawe, Piers

Delveaux, Bill

DeNicholas, Joe

DeSanti, Claudio

Dhamejani, Suveer

Di Minico, Chris

Diab, Wael

Dineen, Thomas

Dove, Dan

Dudek, Mike

Duelk, Marcus

Dupuis, Joseph E.

Effenberger, Frank J

Feldman, Daniel

Fischer, Thomas

## 802.3 Members (voters) p.2

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Flatman, Alan

Frazier, Howard

Frosch, Richard

Ganga, Ilango S.

Ghiasi, Ali

Grow, Robert M.

Gyurek, Russ

Hajduczenia, Marek

Healey, Adam

Holden, Brian

Hopwood, Keith

\*Hurwitz, Walter K.

Jaeger, John

Jetzt, John

Jiang, Wenbin

Jones, Chad

Jørgensen, Thomas K.

Kaku, Shinkyō

Katzenberg, Boris

\*Kawashimo, Tatsuya

Kimura, Mitsunobu

Koenen, David J.

Kolesar, Paul

\*Koonce, Derek

Kramer, Glen

Krellner, Jan

\*Lackner, Hans

Landry, D. Matthew

\*Langston, Daun

Lapak, Jeff

Lari, Ferdinando

Law, David

Lee, Dong-Soo

\*Lertniphonphun,  
Worayot

Lingle, Jr., Robert

Lynch, Jeffrey

Lynskey, Eric R.

Mandin, Jeff

Marris, Arthur

Mathey, Thomas

\*McConnell, Mike

McCormack, Michael S

Mei, Richard Y.

Miao, Tremont

## 802.3 Members (voters) p.3

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Moore, Charles	Palkert, Tom	*Sendelbach, Lee
Moorwood, Andy	Parker, Tim	Seno, Shoichiro
Mueller, Wayne A.	Parsons, Glenn	Shigematsu, Masayuki
Mukojima, Toshiaki	Patoka, Martin	Shorthill, Larry
Muller, Shimon	Pepeljugoski, Petar	Stanford, Clay
Nicholl, Gary	Posthuma, Carl R.	Swanson, Steve
Nishimura, Shinji	Rabinovich, Rick	Suzuki, Ken-ichi
Nordin, Ron	Remein, Duane	Szczepanek, Andre
Nowell, Mark	Rybinski, Valerie	Takahashi, Akira
O'Hara, Steven	Saeki, Naoto	Takeda, Noriyuki
Obara, Satoshi	Sastry, Ramesh	Takizawa, Motoyuki
*Oganessyan, Gourgen	Savi, Olindo	Tanaka, Keiji
Olsson, Bengt-Erik	*Sawyer, T. Shannon	Tatsuta, Tsutomu
Otaka, Akihiro	Schindler, Fred	Thompson, Geoffrey
Oulundsen, III, George	Schoenmaker, Peter	Tomaszewski, Peter

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# 802.3 Members (voters) p.4

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Toyoda, Hidehiro  
Trowbridge, Stephen J.  
Tsuji, Shinji  
Turner, Brad  
Uematsu, Kiyoshi  
Vaden, Sterling A.  
\*Valliappan, Magesh  
van Doorn, Schelto  
Vetteth, Anoop  
Wang, Chenxi  
Woodruff, Bill  
Yamashita, Hajime  
Yang, Yinglin (Frank)  
Yoon, Bin Yeong  
Zimmerman, George

**\*in peril of losing membership**

# Potential Members (voters) p.1

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- ◆Abbas, Ghani
- Abraham, Menachem
- Belhadj, Med
- Belopolsky, Yakov
- Chen, James
- Clairardin, Xavier
- Connaughton, Michael
- Cornejo, Edward
- Cullinan, Diarmuid
- Cunningham, David
- Deutsch, Meir
- Fischer, David
- ◆Goergen, Joel
- ◆Green, Larry
- ◆Gyugyi, Paul J.
- ◆Hankins, Greg
- Herve, Pierre
- Hirth, Ryan
- Hotta, Yoshifumi
- Hsu, Dar-Zu
- Huang, Ching-Chao
- Hughes, Mike
- ◆Huynh, Thong
- ◆Jewell, Jack L
- ◆Kang, Tae Kyu
- Kim, Yong
- Krishnamurthy, Subi
- ◆Lamb, Lowell D.
- ◆Leung, Raymond W. K.
- ◆Maki, Jeffery J.
- McDonald, William
- McDonough, John
- Merel, Roger
- Morita, Itsuro
- Murata, Hiroshi
- Ogushi, Sadaichiro
- ◆Patel, Shashi
- Peers, Neil
- ◆Peeters Weem, Jan P.
- Perkins, Drew D.
- Piede, David
- ◆Pimpinella, Rick
- Plunkett, Timothy R.
- Ring, William S.
- Schrans, Thomas

# Potential Members (voters) p.2

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◆Seely, Ted  
Seto, Koichiro  
Smith, Martin  
Soe, Myat Myitzu  
◆Steenman, Henk  
Takahashi, Seigo  
◆Thiagarajan,  
    Sashisekaran  
Thomas, Stephen  
Thornton, Bob  
Tolley, Bruce  
●Traverso, Matt  
Tsukahara, Tomo  
Tsumura, Eddie

Van Deusen, Herb  
Wada, Hirotaka  
Wallace, Dean  
◆Woodward, Ted K.  
◆Yokomoto, Tetsuya  
Young, George  
Zivny, Pavel

◆*Requested to become  
member (Monday)*  
●*Requested to become  
member (Thursday)*

# Highlights of the *IEEE-SA Standards Board* *Bylaws on Patents in Standards*

- **Participants have a duty to tell the IEEE if they know (based on personal awareness) of potentially Essential Patent Claims they or their employer own**
- **Participants are encouraged to tell the IEEE if they know of potentially Essential Patent Claims owned by others**
  - This encouragement is particularly strong as the third party may not be a participant in the standards process
- **Working Group required to request assurance**
- **Early assurance is encouraged**
- **Terms of assurance shall be either:**
  - Reasonable and nondiscriminatory, with or without monetary compensation; or,
  - A statement of non-assertion of patent rights
- **Assurances**
  - Shall be provided on the IEEE-SA Standards Board approved LOA form
  - May optionally include not-to-exceed rates, terms, and conditions
  - Shall not be circumvented through sale or transfer of patents
  - Shall be brought to the attention of any future assignees or transferees
  - Shall apply to Affiliates unless explicitly excluded
  - Are irrevocable once submitted and accepted
  - Shall be supplemented if Submitter becomes aware of other potential Essential Patent Claims
- **A “Blanket Letter of Assurance” may be provided at the option of the patent holder**
- **A patent holder has no duty to perform a patent search**
- **Full policy available at <http://standards.ieee.org/guides/bylaws/sect6-7.html#6>**



# **IEEE-SA Standards Board Bylaws on Patents in Standards**

## **6.2 Policy**

IEEE standards may be drafted in terms that include the use of Essential Patent Claims. If the IEEE receives notice that a [Proposed] IEEE Standard may require the use of a potential Essential Patent Claim, the IEEE shall request licensing assurance, on the IEEE Standards Board approved Letter of Assurance form, from the patent holder or patent applicant. The IEEE shall request this assurance without coercion.

The Submitter of the Letter of Assurance may, after Reasonable and Good Faith Inquiry, indicate it is not aware of any Patent Claims that the Submitter may own, control, or have the ability to license that might be or become Essential Patent Claims. If the patent holder or patent applicant provides an assurance, it should do so as soon as reasonably feasible in the standards development process. This assurance shall be provided prior to the Standards Board's approval of the standard. This assurance shall be provided prior to a reaffirmation if the IEEE receives notice of a potential Essential Patent Claim after the standard's approval or a prior reaffirmation. An asserted potential Essential Patent Claim for which an assurance cannot be obtained (e.g., a Letter of Assurance is not provided or the Letter of Assurance indicates that assurance is not being provided) shall be referred to the Patent Committee.

A Letter of Assurance shall be either:

- a) A general disclaimer to the effect that the Submitter without conditions will not enforce any present or future Essential Patent Claims against any person or entity making, using, selling, offering to sell, importing, distributing, or implementing a compliant implementation of the standard; or
- b) A statement that a license for a compliant implementation of the standard will be made available to an unrestricted number of applicants on a worldwide basis without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination. At its sole option, the Submitter may provide with its assurance any of the following: (i) a not-to-exceed license fee or rate commitment, (ii) a sample license agreement, or (iii) one or more material licensing terms.

# **IEEE-SA Standards Board Bylaws on Patents in Standards**

Copies of an Accepted LOA may be provided to the working group, but shall not be discussed, at any standards working group meeting.

The Submitter and all Affiliates (other than those Affiliates excluded in a Letter of Assurance) shall not assign or otherwise transfer any rights in any Essential Patent Claims that are the subject of such Letter of Assurance that they hold, control, or have the ability to license with the intent of circumventing or negating any of the representations and commitments made in such Letter of Assurance.

The Submitter of a Letter of Assurance shall agree (a) to provide notice of a Letter of Assurance either through a Statement of Encumbrance or by binding any assignee or transferee to the terms of such Letter of Assurance; and (b) to require its assignee or transferee to (i) agree to similarly provide such notice and (ii) to bind its assignees or transferees to agree to provide such notice as described in (a) and (b).

This assurance shall apply to the Submitter and its Affiliates except those Affiliates the Submitter specifically excludes on the relevant Letter of Assurance.

If, after providing a Letter of Assurance to the IEEE, the Submitter becomes aware of additional Patent Claim(s) not already covered by an existing Letter of Assurance that are owned, controlled, or licensable by the Submitter that may be or become Essential Patent Claim(s) for the same IEEE Standard but are not the subject of an existing Letter of Assurance, then such Submitter shall submit a Letter of Assurance stating its position regarding enforcement or licensing of such Patent Claims. For the purposes of this commitment, the Submitter is deemed to be aware if any of the following individuals who are from, employed by, or otherwise represent the Submitter have personal knowledge of additional potential Essential Patent Claims, owned or controlled by the Submitter, related to a [Proposed] IEEE Standard and not already the subject of a previously submitted Letter of Assurance: (a) past or present participants in the development of the [Proposed] IEEE Standard, or (b) the individual executing the previously submitted Letter of Assurance.

# **IEEE-SA Standards Board Bylaws on Patents in Standards**

The assurance is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.

The IEEE is not responsible for identifying Essential Patent Claims for which a license may be required, for conducting inquiries into the legal validity or scope of those Patent Claims, or for determining whether any licensing terms or conditions are reasonable or non-discriminatory.

Nothing in this policy shall be interpreted as giving rise to a duty to conduct a patent search. No license is implied by the submission of a Letter of Assurance.

In order for IEEE's patent policy to function efficiently, individuals participating in the standards development process: (a) shall inform the IEEE (or cause the IEEE to be informed) of the holder of any potential Essential Patent Claims of which they are personally aware and that are not already the subject of an existing Letter of Assurance, owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents; and (b) should inform the IEEE (or cause the IEEE to be informed) of any other holders of such potential Essential Patent Claims that are not already the subject of an existing Letter of Assurance.

# 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 fixing product prices, allocation of customers, or dividing 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.

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If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at [patcom@ieee.org](mailto:patcom@ieee.org) or visit <http://standards.ieee.org/board/pat/index.html>

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.

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>

# The WG is advised

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- 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 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. Early disclosure of patents which may be essential for the use of standards under development is encouraged;
- Does anyone at this time, wish to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) that the participant believes may be essential for the use in our standards or projects;
- Secretary to record the five slides were displayed and the details of any identified applications/patents/claims.

# Treasurer's report

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- Treasurer's report
  - See separate report
- Publication awards
  - IEEE Std 802.3ap-2007
    - Adam Healey, TF Chair
    - Schelto vanDoorn, Editor-in-Chief, Clause editor
    - Ilango Ganga, Editor-in-Chief, Clause editor
    - John D'Ambrosia, Secretary
    - Arthur Marris, Clause editor
    - Charles Moore , Clause editor, ad hoc chair
    - Tom Palkert , Clause editor
    - Pat Thaler , Clause editor
    - Joel Goergen, ad hoc chair
    - Michael Altmannad hoc chair
    - Bradley Booth, comment tool support
  - IEEE Std 802.3ap-2007
    - David Law, TF Chair and editor

# March Standards Board (p. 1)

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- Standards board
  - All LMSC RevCom and NesCom projects approved after clarification of LMSC P&P status
  - Bob Grow elected Vice Chair of the SASB
  - Oversight reports for 802.20
    - New SASB members vetted for COI
    - Some 802.20 declarations of affiliation questioned
    - Rehearing request denied (appeal of LMSC appeal decision)
    - Two Vice Chairs confirmed by SASB
  - Stabilized standards proposals to go forward in ProCom with SASB comments
  - Appeals ad hoc will provide package of documents to help with consistency and clarity of process

# March Standards Board (p. 2)

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- Standards board (cont.)
  - SASB subcommittee recommendations approved
    - Patent policy educational material (inc. Antitrust)
    - AudCom accepted and underdevelopment P&P lists
    - ProCom governing document changes
  - SCC 39 changes and SCC 41 (DySpan) creation
  - September 2008 SASB meeting targeted for Portugal or Korea
  - Executive sessions (P1394c, P802.20)
  - Electronic voting rules for development groups still in discussion
  - Scope and purpose of PAR and document alignment ongoing
  - CAG to be focusing on international strategy



# March Standards Board (p. 3)

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- ProCom discussion items
  - myProject will be the location for rosters
  - Antitrust Guidelines development and refinement process
  - Affiliation ad hoc recommendations, indemnification may require further work
  - Entity based Sponsor ballot groups – at least 5 entities
  - Stabilized standards
  - Rework of the reaffirmation process
- NesCom discussion items
  - Item 7.3 (Health, safety, environmental) clarification ad hoc work continues
  - Will begin to use myProject for its process with April continuous processing
  - Amendments that should be revisions – better defining the line

# March Standards Board (p. 4)

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- RevCom discussion items
  - Rework of the reaffirmation process
  - Balloters and sponsors circumventing myProject (e.g., via use of attached files)
  - Visibility of comments to ballot group and RevCom a concern
- PatCom
  - ANSI patent policy changes approved, issues list maintained
  - DOJ business review letter progressing, none needed from EU
  - Patent policy educational material finalized
  - Brief executive session held
- AudCom discussion items
  - No quorum so all actions deferred to SASB
  - LMSC P&P approval problems discussed
  - How to establish that P&P are visibly under development

# June Standards Board (p. 1)

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- Standards board
  - All LMSC RevCom and NesCom projects, except P802.16g approved
  - Groups non-compliant with L-50S financial reporting requirement are not authorized to meet
  - Oversight activities
    - DASC written report submitted as requested
    - 802.20 reported progress on reorganization and advancement of their project
  - Stabilized standards proposals to go forward in ProCom with SASB comments
  - Appeals ad hoc will provide package of documents to help with consistency and clarity of process

# June Standards Board (p. 2)

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- Standards board (cont.)
  - Additional exception allowing confidentiality statements approved (legal advice)
  - Baseline Sponsor P&P approved
  - Document submission templates
    - Patent statements need to be approved by PatCom
    - Copyright templates text is a ProCom not PatCom issue
  - SCC 39 SCC 41 (DySpan) co-Chairs appointed
    - Stephen Berger during meeting
    - Joanna Guenin subsequent to the meeting
  - 24-26 September 2008 SASB meeting approved for Seoul, Korea

# June Standards Board (p. 3)

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- ProCom discussion items
  - Forwarded Bylaws change clarifying the the SASB isn't a sponsor
  - Clarifications to financial reporting requirements
  - Mandating myProject was an active discussion – significant work needed before action
- NesCom discussion items
  - First NesCom meeting using myProject
  - Discussions on 7.3 (safety, health, environment or security) of PAR form continue
- RevCom discussion items
  - Short list of submittals were good examples of myBallot issues
  - Visibility of comments ad hoc report and discussion – use of comment files, non-myBallot comment submission and final ballot responses
  - JTC1 internationalization issues discussed for C/S2ESC

# June Standards Board (p. 4)

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- PatCom
  - Acceptance of LOA for a study group
  - DOJ business review letter and ANSI approval allowed new patent policy to go active
  - Feedback on support material for new patent policy
  - Applicability of LOAs to of referenced standards – improved governing document language to be developed
  - Extraction of LOA covered material into another standard (802.3 Link Aggregation to 802.1AX)
- AudCom discussion items
  - LMSC P&P P&P discussed

# LMSC EC Report p.1

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- Get IEEE 802 program
  - Documents now enter the program a year after publication, expected to be the continuing process
  - IEEE-SA staff has been analyzing LMSC net impact on the IEEE-SA budget
- BOG business development is seriously looking at funding sources / models
  - Will analyze other parts of IEEE-SA as they have for LMSC (about five other categories of IEEE-SA work)
- The IMAT attendance software progress
  - 802.11/15 are the alpha test groups, will be doing duplicate sign-in
  - Plan – All groups can join in test in November, ready to be primary attendance gathering software in January (though more thought on logistics is required)
  - Will automatically update affiliation

# LMSC EC Report p.2

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- Training ([www.ieee802.org](http://www.ieee802.org))
  - There are training resources for IEEE-SA and LMSC operation
  - Useful to both new and longer term participants
- Staff liaison update
  - New look and some locations for myProject
  - NesCom will be using myProject going forward
- LMSC treasury
  - Financial liability issues on Jan London meeting were settled
  - Orlando looks to be a net surplus meeting, and because of large attendance this meeting probably will also



# LMSC EC Report p.3

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- JTC1 SC6 report
  - Our cooperative agreement with SC6 which was out for review is out for PDAM ballot
  - US TAG meeting Thursday 9:00pm
  - Liaison will be generated as input for Friday EC
- The LMSC P&P attempting to resolve AudCom comments
  - Ballot of proposed changes failed
  - Rules meeting result forwarded for Friday EC
  - Our P&P are recognized as “visibly under development” by SASB

# LMSC EC Report p.4

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- Letter submitted to IEEE Audit committee, awaiting June BOD Audit committee response
- Patent policy announcement requirements reviewed
- No 802 appeals at this time
- IMT Advanced
  - Tuesday evening 802.18 meeting on the topic (7:00-9:00)
  - IEEE 802.3 not now participating

# LMSC EC Report p.5

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- Tutorials
  - Mon. 6:30 – Energy Efficient Ethernet
  - Mon. 8:00 – Emergency services for IEEE 802 (continued)
  - Tue. 6:30 – Open
  - Tue. 8:00 – Open

# LMSC Chair's Meetings

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- Tues 4-5pm ISO/IEC JTC/SC6, meeting of Chairs
- Wed 10-11am Get IEEE 802 budget review (Hawkins)
- Wed 9-10 am Get IEEE802 budget review
- Wed 11-noon 802.16g RevCom issues
- Wed 1-3pm 802 Task Force (Nikolich)
- Wed 3-4pm Attendance SW (Rigsbee)

# Project Authorization Requests

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- P802.3az, Energy Efficient Ethernet
- P802.11n – Enhancement for higher throughput (extension)
- P802.11s – Extended Service Set Mesh Networking (modification)
- P802.11z, Extensions to Direct Link Setup (DLS)
- P802.15.4c – PHYs for China Frequency Bands

# Continuing Agenda

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- Liaison Reports
- 802.3 State of the Standard (Mr. Law)
- 802.3 Operating Rules (Mr. Law)
- Task Force & Study Group Reports
  - Maintenance (Mr. Law)
    - 802.3ax / P802.1AX
    - 802.3ay / P802.3
  - 802.3ar (Mr. Grow)
  - 802.3at (Mr. McCormack)
  - 802.3av (Mr. Kramer)
  - Higher Speed SG (Mr. D'Ambrosia)
  - Energy Efficient Ethernet SG (Mr. Bennett)