IEEE 802.3 Maintenance Task Force
23rd January 2012, Newport Beach, CA

Wael William Diab
Chair, IEEE 802.3 Maintenance TF
Vice-Chair, IEEE 802.3 Working Group
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Agenda

- Introduction
- Review patent slides
- Review and approve agenda
- Approve maintenance minutes
- Maintenance request status
- Update on interpretations status
- P802.3 Revision (IEEE 802.3bh) Task Force
  - WG Ballot final statistics
  - Update on the initial sponsor ballot
  - Ad-Hoc reports
  - New business
  - Informal communication
  - Future schedule
- Future meetings
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.
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


Material about the patent policy is available at

[http://standards.ieee.org/about/sasb/patcom/materials.html](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

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.
Agenda and Minutes Motions

• Motion to approve the agenda
  – M: H. Barrass  S: M. Hajduczenia
  – Passes by voice vote without opposition

• Motion to approve the November 2011 minutes with change captured in the minutes
  – M: M. Hajduczenia  S: P. Anslow
  – Passes by voice vote without opposition
Attendance

- The URL to access the IEEE Meeting Attendance Tool for this meeting is...
  - [https://seabass.ieee.org/imat/](https://seabass.ieee.org/imat/)
  - The session access code is “orange”

- The server is remotely hosted

- Please also sign the attendance sheet for the Task Force meeting minutes

- Internet access
  - SSID: Fairmont_Meeting
  - User ID: IEEE
  - Password: ********
Maintenance Request Status

• 32 Open Maintenance requests
• 0 new request since March
• Current status of open requests:
  - Balloting 27
  - Ready for ballot 0
  - Awaiting clarification 0
  - Errata 0
  - To be categorised 5

Note: All requests in balloting state are being balloted in IEEE P802.3 (802.3bh) Revision to IEEE Std 802.3-2008

New requests
None this period
Interpretations Status

- Made aware of another interpretation
- Miscommunication on assignment
- Interpretation will be handled in March 2012
IEEE P802.3 Task Force Officers

IEEE P802.3 Revision to IEEE Std 802.3-2008 (802.3bh) Task Force Officers

• Pete Anslow, Section Editor
  – Responsible for sections 4 and 6
• Marek Hajduczenia, Section Editor
  – Responsible for section 5
• Valerie Maguire, Clause Editor
  – Responsible for clause 1
• Wael William Diab
  – Sections 1, 2, 3 Editor, Chief Editor and Chair
IEEE P802.3/D2.1 (802.3bh) Maintenance #10: Working Group ballot results – Second Recirc

- **Item 1 - Date the ballot closed:**
  - The Initial Working Group ballot recirculation on IEEE P802.3 draft D2.2 closed on December 2nd at 11:59 PM AOE.
  - No new comments or disapproves

- **Item 2 - Vote tally:**

<table>
<thead>
<tr>
<th></th>
<th>WG 2nd Recirculation Draft D2.2</th>
<th>Req %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comments: 92</td>
<td>#</td>
<td>%</td>
</tr>
<tr>
<td>Abstain</td>
<td>3</td>
<td>3.49</td>
</tr>
<tr>
<td>Disapprove with comment</td>
<td>4</td>
<td>-</td>
</tr>
<tr>
<td>Disapprove without comment</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>Approve</td>
<td>79</td>
<td>95.18</td>
</tr>
<tr>
<td>Ballots returned</td>
<td>86</td>
<td>68.80</td>
</tr>
<tr>
<td>Voters</td>
<td>125</td>
<td>-</td>
</tr>
</tbody>
</table>
Chair’s Guidelines for Discussion

• The Chair reserves the right to limit participants to two opportunities to speak for a maximum of two minutes each turn.
  – Priority will be given to those who have not had a chance to speak
• The Chair reserves the right to constrain (limit) the participants if necessary. (These are the normal debate constraints observed by the IEEE BoD.)
• All comments will be directed to the Chair and not to others in the room. Repeated violators of this protocol will forfeit their opportunity to speak.
Liaison Letter to IEC

• Per agreement with IEC, IEEE-SA draft obtained copies of the drafts
• Placed under password protected area for the duration of the ballot
• Per the ANSI/IEEE agreement that enables access to these IEC standards, note that:
  – (c) International Electrotechnical Commission (IEC). This copy is provided by ANSI/USNC for official IEEE committee work only. The document is for your own personal use on IEEE and/or IEC committee activities only. No part of this material may be copied or reproduced in any form, stored in an electronic retrieval system or otherwise made available on the Internet, a public network, a shared network, by satellite or otherwise without the prior written consent of the American National Standards Institute, 25 West 43rd Street, New York, NY 10036.
• Based on above WG Chair determined that there was no need for liaison letter
Informal Communication to IEC

• IEEE P802.3 D3.0 has been watermarked for sharing with IEC by the IEEE-SA staff
• Draft has been placed behind a password protected area
  – http://www.ieee802.org/3/private/liaison_docs/IEEE_to_IEC/P802d3_d3_0_IEC_liaison.zip
• Poll on whether or not to send any communication to IEC
  – Unanimously to not communicate unless there is something actionable
IEEE Std 802.3 revision plan

IEEE Std 802.3
Revision (IEEE P802.3bh)

IEEE Std 802.3-2008
Published 12/08
5 Sections

IEEE Std
802.3bc-2009
LLDP
Published 09/09

IEEE Std
802.3av-2009
10GEPON
Published 10/09

IEEE Std
802.3at-2009
PoEP
Published 10/09

IEEE Std
802.3-2008/
Cor 1-2009
Corrigenda 1
Published 2/10

IEEE Std
802.3ba-2010
Published 06/2010

IEEE Std
802.3az-2010
Published 10/2010

IEEE Std
802.3bd-2011
Published TBD

IEEE Std
802.3bf-2011
Published TBD

IEEE Std
802.3bg-2011
Published 03/31/2011

IEEE P802.3REV
WG Ballot 07/11
Note: PAR 01/11

IEEE P802.3REV
Target approval 06/12

Revision requests
(“Ready for Ballot”)

Note: Target publication date is target standards board approval plus three months.

2009 2010 2011 2012

No sponsor balloting*
Schedule for Sponsor Ballot

- Dates are approximate
  - Open recirculation SA Ballot – Jan 3rd
    - 30 day initial ballot
  - Close recirculation SA Ballot – Feb 2nd
  - Post results of SA Ballot – Feb 6th
  - Post comments on WG Ballot – Feb 8th
  - Post comments with proposed responses – March 6th
  - Meet to consider comments – March 12th
Motion to Adjourn

• Move to adjourn
  – M: S. Carlson      S: P. Anslow
  – Proc (>50%)
  – Motion passes by voice without opposition

• Adjourned at 3.53pm
Maintenance Web Information

- IEEE 802.3 Maintenance web site:

- IEEE 802.3 Maintenance request form is available at:
  http://www.ieee802.org/3/private/maint/revision_request.html

- Access information
  Username: *******
  Password: *******
  (Password is case sensitive)

- IEEE 802.3 Maintenance reflector
  stds-802-3-maint@ieee.org