

IEEE 802.3 Maintenance Task Force 14th July 2010, San Diego, CA

Wael William Diab
Chair, IEEE 802.3 Maintenance TF
Vice-Chair, IEEE 802.3 Working Group
wdiab@broadcom.com

Agenda

- Review patent slides
- Review and approve agenda
- Approve maintenance minutes
- Discuss maintenance requests
- Discuss interpretation request
- Discuss liaisons
- Review next revision plan and refine as needed

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:

- **“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**

Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

- **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/guides/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/guides/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/board/pat/pat-material.html>

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

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

Agenda and Minutes Motions

- Motion to approve the agenda
 - M: M. Hajduczenia S: L. Lamb
 - Passes by voice vote without opposition

- Motion to approve the May 2010 minutes
 - M: J. Lapak S: M. Hajduczenia
 - Passes by voice vote without opposition

Maintenance Request Status

- 34 Open Maintenance requests
- 4 new requests since May
 - Related to IEEE Std 802.3-2008, Std 802.3av-2009 and Std 802.3at-2009
- Current status of open requests:
 - Balloting 5
 - Ready for ballot 20
 - Awaiting clarification 0
 - To be categorised 9

Notes: Some 'Balloting' assigned to IEEE P802.3az

New requests

<u>Req #</u>	<u>Standard</u>	<u>Subclause</u>	<u>Subject</u>
1226	802.3at-2009	33.6.3.3	PoE/P DLL Variables
1227	802.3av-2009	76.3.2.6	Gearbox
1228	802.3av-2009	31C	MAC Control organization specific extension operation
1229	802.3-2008	57A	Requirements for Slow Protocols

Maintenance Request 1226 Notes

- In addition to the change requested
 - Add the following sentence to the definition
 - This variable is mapped from the aLldpXdot3RemPDRRequestedPowerValue attribute (30.12.3.1.17).
 - Add the following mapping to Table 33-23
 - Under oLldpXdot3RemSystemsGroup Object Class; PD Section
 - aLldpXdot3RemPDRRequestedPowerValue => MirroredPDRRequestedPowerValueEcho
- Consensus to make the change
 - Y: 10 N:0
- Change to be initiated at the next Maintenance revision or amendment
- Change state to “Ready for Ballot”

Maintenance Request 1227 Notes

- Text was present in the balloted and approved draft (D3.4)
- Change state to “Errata”.
- Maint TF Chair to work with IEEE Sr. Staff Editor to get a second printing done and an errata put up for the initial printing

Maintenance Request 1228 Notes

- Consensus to make the change
 - Y: 12 N: 0
- Change to be initiated at the next Maintenance revision or amendment
- Change state to “Ready for Ballot”

Maintenance Request 1229 Notes

- Consensus to progress the change
 - Y: 9 N: 1
- Change to be initiated at the next Maintenance revision or amendment
- Change state to “Ready for Ballot”
- Request that the response to the SIEPON 1904.1 liaison letter CCs the Chair of the IEEE 802.1 Working Group

Interpretation 1-7/10

- Response to Interpretation Request #1
 - Your interpretation request referenced text in Clause 32. Clause 32 is not recommended for new installations. However, the standard is unambiguous. Further, the standard references the IEC 60060 documents for the waveform shape (e.g. the meaning of virtual front which is not defined in IEEE Std 802.3-2008) and not intended for the values.
- Response to Interpretation Request #2
 - See response to interpretation request #1 above.
- Response to Interpretation Request #3
 - This request is being returned to you because the question asked does not constitute a request for interpretation but instead a request for consultation. Generally, an interpretation request is submitted when the wording of a specific clause or portion of a standard is ambiguous or incomplete. The request should state the two or more possible interpretations or the lack of completeness of the text.

Interpretation 1-7/10 Motion

- Move to approve the response to the interpretation request 1-7/10 as captured in diab_1_0710.pdf.
- M: G. Zimmerman
- S: H. Frazier
- Y: 13 N: 0 A: 0
- Tech (75%)

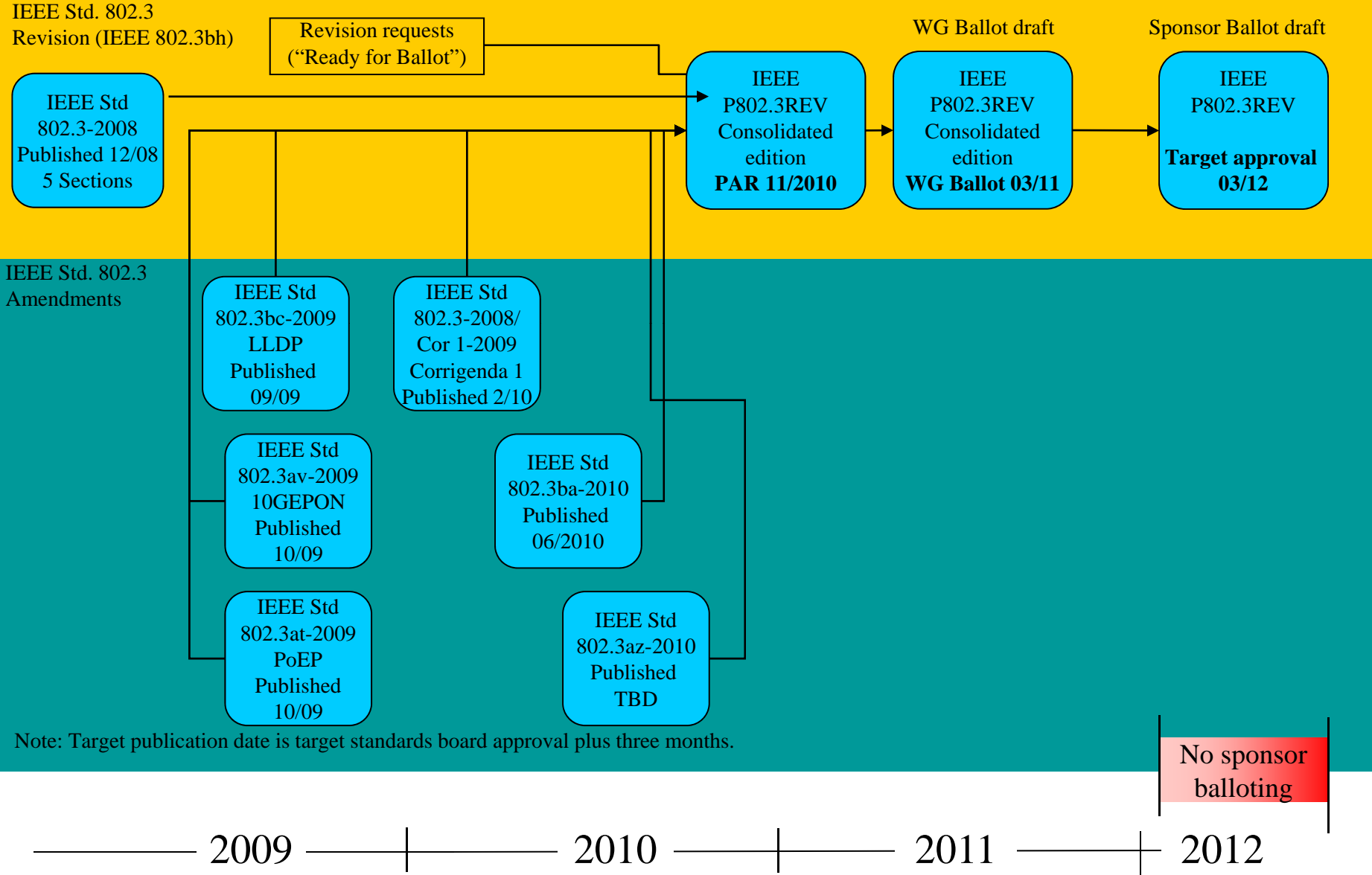
Resistive Unbalance Liaison

- http://www.ieee802.org/3/minutes/jul10/0710_IEC_SC46C_to_802_3.pdf
- From IEC SC 46C / WG 7
- Move to
 - Approve the liaison response to IEC SC 46C / WG 7 as captured in “Response to IEC SC46C.docx”. Request that the WG Chair send the response with editorial license.
 - M: A. Flatman S: H. Barrass
 - Tech (75)
 - Y: 11 N:1 A:0
 - Motion Passes

EtherType Field Values Liaison

- http://www.ieee802.org/3/private/liaison_docs/ieee/0710_IEEE_to_802_3.pdf
- From IEEE
- Move to
 - Approve the liaison response to IEEE RAC as captured in “Response to RAC.docx”. Request that the WG Chair send the response with editorial license.
 - M: R. Rannow S: H. Frazier
 - Tech (75)
 - Y: 13 N: 0 A: 0
 - Motion Passes

IEEE Std 802.3 revision plan



Consensus on Revision Plan

- Maint Chair to work with IEEE Staff for a request for a consolidated edition by the end of 2010
 - Include Kim and Michelle on all correspondence
- Based on above, do an informal TF Review of the maint request changes in Jan 2011 interim
- Once WG ballot is complete, include any amendments that have completed Sponsor ballot. Specifically, IEEE P802.3bf and IEEE P802.3bg
- Submit plan to RevCom in 2011 assuming approval date will be in 2012 or afterwards (> 3 years)
- Coordinate 802.3 REV with 802.3.1 REV
 - E.g. remove GDMO from 802.3 (in consolidated ed)
 - E.g. point OAM to arcs in .3.1

Motion to Adjourn

- Move to adjourn
 - M: H. Barrass S: D. Law
 - Proc (50%)
 - Y: 8 N: 1 A: 0
 - Motion passes

- Adjourned at 4.32pm

Maintenance Web Information

- IEEE 802.3 Maintenance web site:
<http://www.ieee802.org/3/maint/index.html>
- 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