IEEE 802.3
Maintenance Task Force
26th May 2011,
Incline Village, NV

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
- Maintenance request status
- P802.3 Revision (IEEE 802.3bh)

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: D. Law   S: B. Grow
  - Passes by voice vote without opposition

- Motion to approve the March 2011 minutes
  - M: B. Grow   S: H. Barrass
  - Passes by voice vote without opposition

Maintenance Request Status

- 33 Open Maintenance requests
- 0 new request since March
- Current status of open requests:

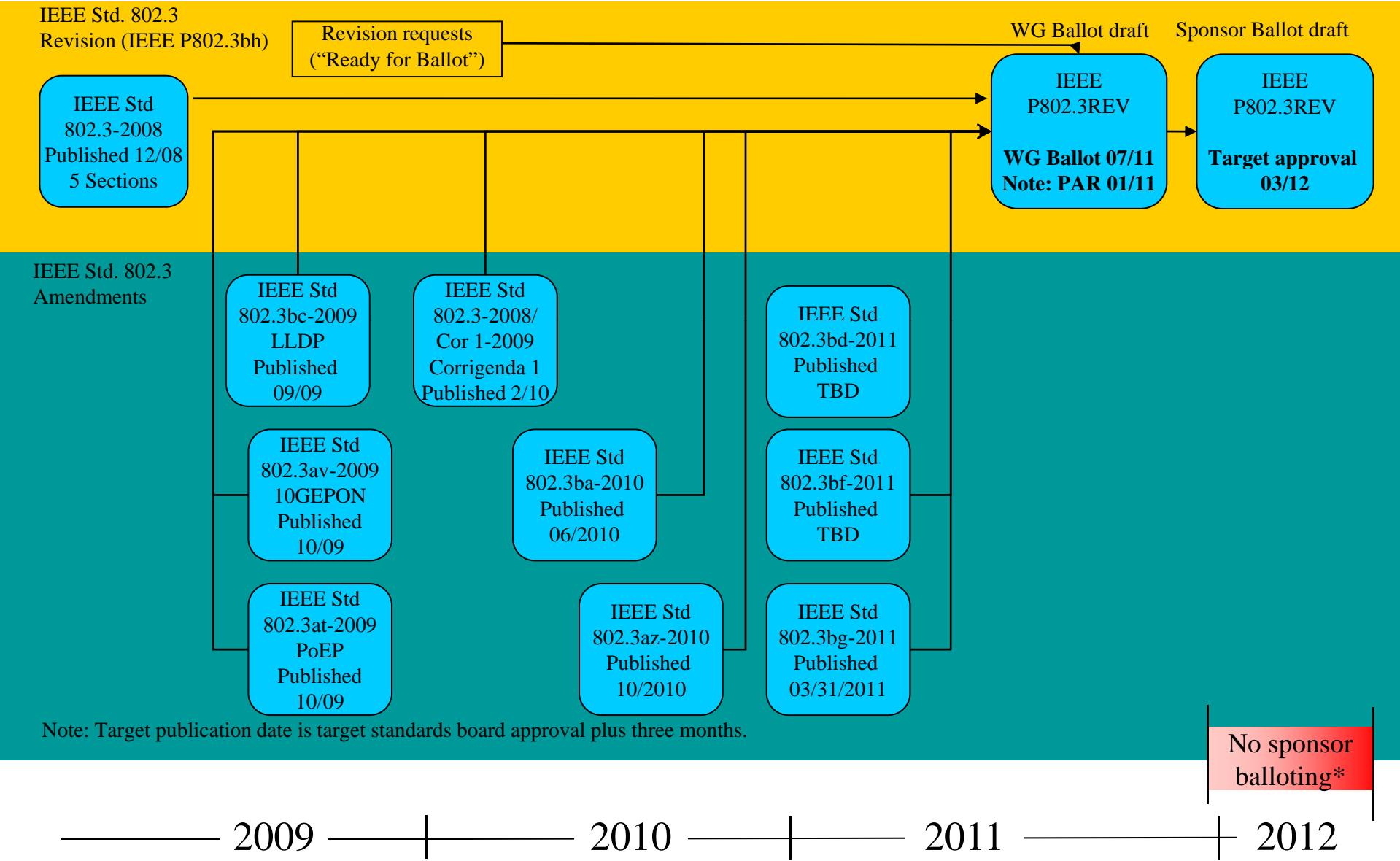 | | |
  |---|---|
  | Balloting | 0 |
  | Ready for ballot | 27 |
  | Awaiting clarification | 0 |
  | Errata | 0 |
  | To be categorised | 6 |

New requests

None this period

Requests for WG Preview

- The following requests are to be included in the WG preview package

  1196, 1198, 1199, 1201, 1202, 1203, 1204, 1212, 1213, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1228, 1229, 1230, 1231, 1233 and 1234

IEEE Std 802.3 revision plan

IEEE Std. 802.3
Revision (IEEE P802.3bh)

Revision requests
("Ready for Ballot")

WG Ballot draft

Sponsor Ballot draft

IEEE Std
802.3-2008
Published 12/08
5 Sections

IEEE
P802.3REV

WG Ballot 07/11
Note: PAR 01/11

IEEE
P802.3REV

Target approval
03/12

IEEE Std. 802.3
Amendments

IEEE Std
802.3bc-2009
LLDP
Published
09/09

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

IEEE Std
802.3bd-2011
Published
TBD

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

IEEE Std
802.3ba-2010
Published
06/2010

IEEE Std
802.3bf-2011
Published
TBD

IEEE Std
802.3at-2009
PoEP
Published
10/09

IEEE Std
802.3az-2010
Published
10/2010

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

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

No sponsor
balloting*

2009　　2010　　2011　　2012

Consensus on Revision Plan

- Maintenance Task Force Chair and WG Chair to work with IEEE Staff on consolidated edition
- List of amendments to be included
  - Published: av, bc, at, Cor 1, ba, az
  - In process: bd, bg, bf
  - All errata as of 3rd printing + av erratum (maint request 1227)
- Scope of material to be included into WG preview
  - Consolidated edition with amendments / Cor above
  - Folding in the relevant maintenance requests
  - Deleting GDMO
    - OAM arc changes to be done via comment
- Plan to produce the WG Preview draft prior to, and request approval for WG Ballot at, the July plenary
- Submit plan to RevCom in 2011 (> 3 years)
  - Unnecessary as there are no outstanding amendments to be published prior to revision

REVIEW CONSOLIDATED DRAFT

Notes from Review

- Delete A30A, A30B

- Add the following notes:

  - A30A/A30B: NOTE—The GDMO specification was moved to IEEE Std 802.3.1-2011.

  - A30C: NOTE—The SNMP for Link Aggregation specification was moved to IEEE Std 802.1AX-2008.

REVIEW OF 802
ARCHITECTURE COMMENTS

Motion to Adjourn

- Move to adjourn
  - M: M. Hajduczenia   S: D. Law
  - Proc (50%)
  - Motion passes by voice without opposition

- Adjourned at 12.25pm

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