

Agenda and General Information

IEEE P802.3bw
100BASE-T1 PHY

Steven B. Carlson
High Speed Design, Inc.
August 2015 – Irvine, CA USA

Agenda

- Appoint Recording Secretary
- Welcome and Introductions
- Approve Agenda
- Goals for this meeting
- Daily Schedule
 - Thursday AM: Comment resolution, closing motions
- Future Meetings

Task Force Decorum



- Photography or recording by permission only (December 2014 IEEE-SA Standards Board Ops Manual 5.3.3.2)
- Cell phone ringers off
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (December 2013 IEEE-SA Standards Board Ops Manual 5.3.3.3)
- 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

Task Force Officers

- **Steve Carlson**
Task Force Chair, Phase 2
- **Thomas Hogenmüller**
Task Force Chair, Phase 1
- **Mehmet Tazebay**
Task Force Vice Chair
- **Curtis Donahue**
Task Force Editor-in-Chief
- See <http://www.ieee802.org/3/contacts.html#1TPCE> for contact info

Goals for the meeting

- Presentations
 - Editor's report and comment resolution D3.2.1
 - Create D3.3 clean and redline
- Goals
 - Prepare for 3rd SB recirculation ballot
 - If 3rd SB recirc comes back clean, the TF's work is done
 - If so, the P802.3bw TF interim meeting in September will be canceled

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 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 14 and 15 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
 - “Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of 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*](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*](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*](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*](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*](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.

Ballot Results SB R2

125 Voters

99 Approve

2 Disapprove

5 Abstain

106 Ballots returned

84% Response Rate ($\geq 75\%$ required)

4% Abstain Rate ($< 30\%$ required)

98% Approval Rate ($\geq 75\%$ required)

Ballot Results SB R2

- 87 comments received during the ballot
- 12 comments received after ballot close (also out-of-scope)
 - The TF must chose whether to consider these
 - If considered, these comments are non-binding
 - Otherwise, all that is required is to notify the commenter that the comments were received
 - Suggest the TF vote to consider them
- 74 out-of-scope, plus 12 out-of-scope late
 - Out-of-scope comments can be rejected with no further reason needed
 - Use this wisely---carefully consider each comment on its merit
- 60 “rogue” comments from people not part of the SB ballot group—Chair’s Standard Offer
 - These are non-binding but must be considered, including out-of-scope
- 7 “must be satisfied” comments

Motion #1

The IEEE P802.3bw 100BASE-T1 Task Force include the 12 comments in the D3.2.1 received comments database (insert filename here) marked as “This comment was received after the close of ballot” for resolution along with the 87 comments received prior to the comment deadline.

M:

S:

Y: N: A:

Technical (75% required)
8/20/15 XX:XX AM

Motion #2

The IEEE P802.3bw 100BASE-T1 Task Force accept the comment resolutions to D3.2.1 as detailed in

http://www.ieee802.org/3/bw/comments/8023bw_D321_approved.pdf

along with the results of motions accepted at the August 2015 Task Force meeting and charter the editor to produce D3.3 for SB recirculation and comment.

M:

S:

Y: N: A:

Technical (75% required)

8/20/15 XX:XX AM

Timeline

2nd Sponsor recirculation ballot day one	1st August 2015
2nd Sponsor recirculation ballot close date	15th August 2015
IEEE P802.3bw comment resolution meeting	20th August 2015
3rd Sponsor recirculation ballot day one	26th August 2015
October RevCom submittal deadline	4th September 2015
3rd Sponsor recirculation ballot close date	9th September 2015
IEEE P802.3bw comment resolution meeting	14th September 2015
October Early consideration RevCom meeting	16th October 2015

Future Meeting

Week of September 14, 2015

IEEE P802.3

All IEEE 802.3 Task Force, Study Groups and Ad Hocs will meet

Hosted by

NEC Americas

Hyatt Regency Coconut Point

Bonita Springs, FL

USA

Thank You!