

IEEE 802.3
Maintenance Task Force
30th April 2009,
Quebec City, Quebec, Canada

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

Agenda

- Time: 1pm to 1.30pm - Housekeeping (Fairmont, "Montcalm")
 - Review and approve agenda
 - Review patent slides
 - Approve March minutes
 - Update on maintenance request #1205
- Time: 1.30pm to 2.15pm (Fairmont, "Bellevue")
 - Consider architecture for the "legacy" 802.3 LLDP packages being moved from P802.1ABREV Annex F
- Time: 2.30pm to END (Fairmont, "Montcalm")
 - New maintenance requests**
 - 1209 and 1210
- 802.3bb
 - Comment resolution on initial WG ballot
 - Next steps for recirculation
- 802.3bc
 - Comment resolution on WG recirculation ballot
 - Next steps for recirculation and sponsor ballot

** work may commence prior to 1.30pm if progress allows

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: Law S: Grow
 - Passes by voice vote without opposition

- Motion to approve the March 2009 minutes
 - M: Law S: Grow
 - Passes by voice vote without opposition

Maintenance Request Status

- 28 Open Maintenance requests
- 2 new requests since January
 - Related to Backplane Auto-Negotiation State Diagram Variables and 100BASE-TX Objective Typo
- Current status of open requests:

Balloting	10
Ready for ballot	10
Awaiting clarification	0
To be categorised	8

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

New requests

Request	Standard	Subclause	Subject
1209	802.3-2008	73.10.1	Backplane Auto-Negotiation State Diagram Variables
1210	802.3-2008	24.1.2	100BASE-TX Objective Typo

Request 1205 – Notes

- Assigned to P802.3az

Maintenance Request 1209 Notes

- Defer to July
- Discuss with experts prior to July meeting
- Status to remain to “Received”

Maintenance Request 1210 Notes

- Consensus is to make the change
- Status to be changed to “Ready for Ballot”

IEEE P802.3bb Working Group ballot results

- Initial Working Group ballot – draft D1.1

Comments received: 33

	#	%		Status
		Actual	Required	
Abstain	18	15.52	< 30	PASS
Disapprove with comment	3	-	-	-
Disapprove without comment	0	-	-	-
Approve	95	96.94	≥ 75	PASS
Ballots returned	116	50.66	≥ 50	PASS
Voters	229	-	-	-

Joint Discussion

Move

- IEEE P802.3at takes on the work of
 - Removing the restriction to send all “legacy” TLVs together
 - Delete the existing “legacy” packages
 - Add new packages that split up the “legacy” attributes
- Editorial team to work with experts in 802.1 to review changes informally
- M: J. Heath S: A. Vetteth
- Y: 14 N:0 A:1
- Tech (75%)
- Motion Passes

IEEE 802.3bb WG Review

Move:

- Charter the Editor of P802.3bb to generate D1.2 incorporating resolution to comments received on D1.1
- M: Law S: Grow
- Technical (75%)
- Passes by voice vote without opposition

IEEE P802.3bc Working Group ballot results

- Initial Working Group ballot – draft D2.0

Comments received: 104

	#	%		Status
		Actual	Required	
Abstain	33	20.37	< 30	PASS
Disapprove with comment	8	-	-	-
Disapprove without comment	3	-	-	-
Approve	121	93.80	≥ 75	PASS
Ballots returned	162	66.39	≥ 50	PASS
Voters	244	-	-	-

IEEE P802.3bc Working Group ballot results

- 1st Working Group ballot recirculation – draft D2.1

Comments received: 44

	#	%		Status
		Actual	Required	
Abstain	35	21.21	< 30	PASS
Disapprove with comment	7	-	-	-
Disapprove without comment	3	-	-	-
Approve	123	94.62	≥ 75	PASS
Ballots returned	168	68.85	≥ 50	PASS
Voters	244	-	-	-

IEEE 802.3bc WG Review

Move:

- Charter the Editor of P802.3bc to generate D2.2 incorporating resolution to comments received on D2.1
- Schedule a meeting June 1st to respond to comments on D2.2

- M: Carlson S: Law
- Technical (75%)

- Motion passes by voice vote with opposition

Motion to Adjourn

- Move to adjourn
 - M: Grow S: Law
 - Passed by voice vote without opposition
- Adjourned at 5.04pm

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