



IEEE 802.3 Maintenance Task Force
13th November 2013
Dallas, TX, USA

Adam Healey
Chair, IEEE 802.3 Maintenance TF
Vice-Chair, IEEE 802.3 Working Group

Agenda

- Introduction
- Review patent slides
- Review and approve agenda
- Approve maintenance minutes
- Maintenance request status
 - MRs 1247-1250
 - Introduce MR 1251
 - “Legacy” MRs (1107, 1134, 1175, 1176, 1195)
- Review status of submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6 under PSDO agreement
- 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 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.



25 March 2008 (updated January 2012)

(Optional to be shown)

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

<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>

Material about the patent policy is available at

<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>

This slide set is available at
<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.

Agenda and Minutes Motions

- Motion #1: Approve the agenda
 - M: Grow S: Barrass
 - Passes by voice vote without opposition

- Motion #2: Approve the September 2013 minutes
 - M: Marris S: Law
 - Passes by voice vote without opposition

Attendance

- IEEE Meeting Attendance Tool
 - <http://imat.ieee.org/>
- For more information, please see...
 - http://www.ieee802.org/3/minutes/nov13/1113_imat.pdf
- Please sign the attendance sheet for the Task Force meeting minutes

Maintenance Request Status

- 21 Open Maintenance Requests
 - 5 “legacy” MRs (1107, 1134, 1175, 1176, 1195)
- 3 new requests since September 2013
 - 1249 to 1251
 - 1251 received after 7th October deadline
- Current status of open requests
 - Approved 0
 - Balloting 0
 - Ready for ballot 9
 - Awaiting clarification 0
 - Errata 2
 - To be categorised 10

New requests

1249	22-Sep-13	802.3-2012	75.10.4.5	PRX PHY name
1250	22-Sep-13	802.3-2012	62.3.4.4	Stray cross-reference tag
1251	17-Oct-13	802.3-2012	76.3.3.6	Change subclause title

Ballot status

MR	Sep-13	Nov-13	Project	Update
1235	B	P	P802.3bk	Published in IEEE Std 802.3bk-2013
1236	B	P	P802.3bk	Published in IEEE Std 802.3bk-2013
1238	B			
1239	B			
1240	B	P	P802.3bk	Published in IEEE Std 802.3bk-2013
1242	B		P802.3bj	
1243	B			
1244	B			
1246	B			

MR 1247

- Mr. Marris submitted an update to expressly state the preferred solution
- Training state diagram (Figure 72–5) contains a state transition that cannot be taken
- Request to delete the state transition
- Change status to “Ready for Ballot”, target next revision

MR 1248

- Mr. Marris submitted an update to expressly state the preferred solution
- Confusing definition of service interface primitive (when generated)
- Requester to submit comment against P802.3bj Sponsor Ballot, leave status as “Received”

MR 1249 (new)

- 75.10.4.5: PICS items PRXD1F1, PRXD2F1, and PRXD3F1
- References to “10/1GBASE-PXR” should be to “10/1GBASE-PRX”
- Change to “Ready for Ballot”, target next revision

MR 1250 (new)

- Stray cross-reference tag in 62.3.4.4
- “... as shown in **<XREF>**Equation (62–1):”
- Change to “Ready for Ballot”, target next revision

MR 1251 (new, late)

- Received after deadline
- 76.3.3.6 title is “66B/64B Decode”
- The code is referred as “64B/66B” throughout the rest of the document
- Defer action to January interim

“Legacy” Maintenance Requests

- All pre-date 2008 revision
- No action taken since 2007

1107	06-Mar-03	802.3ae-2002	52.9.1.2 & 49.2.8	Square wave test pattern definition
1134	08-Apr-04	802.3ae-2002	48.7.4.1	Compatibility considerations PICS
1175	11-Nov-05	802.3-2005	57	Per loop OAM on EFM aggregated links (Clause 57)
1176	11-Nov-05	802.3-2005	61	Per loop OAM on EFM aggregated links (Clause 61)
1195	19-Oct-07	802.3an-2006	48.2.5	Management function requirements

Recent actions

MR	Sep-13	Nov-13	Action(s)
1107	R	W	<ul style="list-style-type: none"> E-mail sent 8th November 2013 Request has been WITHDRAWN by the submitter (e-mail)
1134	R	W	<ul style="list-style-type: none"> Revision text reflected in IEEE Std 802.3-2012 This is likely the result of a ballot comment E-mail sent 8th November 2013 Request has been WITHDRAWN by the submitter (e-mail)
1175	R	J	<ul style="list-style-type: none"> Scope of change beyond maintenance (new feature) PROPOSED REJECT
1176	R	J	<ul style="list-style-type: none"> Scope of change beyond maintenance (new feature) PROPOSED REJECT
1195	R		<ul style="list-style-type: none"> E-mail sent 8th November 2013

Motion #3

- Reject maintenance requests #1175 and #1176 as beyond the scope of maintenance
 - M: Thompson S: Grow
 - Technical ($\geq 75\%$)
 - Y: 7, N: 0, A: 0
 - Passes

ISO/IEC JTC1 SC6

- The document is in the midst of final approval ballot
 - Ballot closes mid-February
- The document was inadvertently balloted with the incorrect title
 - The title will be corrected after the ballot closes
- No further action expected from the Working Group

Adjourn

Maintenance web and reflector

- IEEE 802.3 Maintenance web site
 - <http://www.ieee802.org/3/maint/>
- IEEE 802.3 Maintenance Request form
 - http://www.ieee802.org/3/private/maint/revision_request.html
 - Username: *****
 - Password: *****
- IEEE 802.3 Maintenance reflector
 - stds-802-3-maint@ieee.org