

IEEE 802.3
Maintenance Task Force
4th September 2013,
York, U.K.

David Law
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Chair, IEEE 802.3 Maintenance TF
Vice-Chair, IEEE 802.3 Working Group
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Agenda

- Introduction
- Review patent slides
- Review and approve agenda
- Approve maintenance minutes
- Maintenance request status
 - Maintenance requests #1246-1248
- IEEE 802 contribution to ITU-R WP1A
- CEN-CENELEC-ETSI Smart Grid Coordination Group
- 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.



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 to approve the agenda

M: H. Barrass

S: J. Heath

Passed by voice vote without opposition

- Motion to approve the July 2013 minutes

M: A. Marris

S: H. Frazier

Passed by voice vote without opposition

Attendance

- The URL to access the IEEE Meeting Attendance Tool for this meeting is...
 - <http://imat.ieee.org/>
 - Select 802.3 and log in
- The server is remotely hosted
 - Make sure your VPN is turned off
- Please also sign the attendance sheet for the Task Force meeting minutes

Maintenance Request Status

- 18 Open Maintenance requests
 - 5 “legacy” MRs
 - Some MRs balloted with open projects
- 3 new requests since July 2013
 - 1246-1248. Two received after August deadline
- Current status of open requests:

Approved	0
Balloting	0
Ready for ballot	8
Awaiting clarification	0
Errata	2
To be categorised	8

New requests

1246.	16-Jul-13	802.3-2012	86.10.2.1	Skew variation
1247.	13-Aug-13	802.3-2012	72.6.10.3.1	LINK_READY state
1248.	15-Aug-13	802.3-2012	78.1.2.2.3	Primitive value

Maintenance Request #1246

- Skew variation value of 300ps in Note “a” to table 86-13 is too low by a factor of 2
- Units should match across tables
- Cabling skew variation should be 2.8ns - .6ns
- Replace 300ps by .6ns in note “a” and replace “2.5ns” with “2.2ns” in table 86-13

Maintenance Requests #1247, #1248

- Chair asked if there was any objection to discussing these Maintenance Requests noting that they would be reported on at the November Plenary and an opportunity provided to discuss them at the November Maintenance Task Force meeting

Maintenance Request #1247

- Definition of `remote_rx_ready` does not allow it to be set to false in the `LINK_READY` state
- Delete the transition from the `LINK_READY` state to the `TRAIN_REMOTE` state in Figure 72-5, or
- Change the definition of `remote_rx_ready` in 72.6.10.3.1 to allow it to be set to false

Maintenance Request #1248

- Current text says that the primitive is generated by the PHY, but Figure 87-1 shows that the LPI_IDLE.indication is generated by the RS and 78.1.3.2 says that the value is determined by the encoding on the MII interface
- Add, “This primitive is generated by the RS when it receives Assert LPI encoded in the receive xMII”

Other items

- IEEE 802 contribution to ITU-R WP1A
 - Impact on radiocommunication systems from wireless and wired data transmission technologies used for the support of power grid management systems
 - http://www.ieee802.org/minutes/2012-March/opening_plenary/R-QUE-SG01.236-2011-MSW-E.docx
- CEN-CENELEC-ETSI Smart Grid Coordination Group
 - First Set of Standards (published November 2012)
 - <ftp://ftp.cen.eu/EN/EuropeanStandardization/HotTopics/SmartGrids/First%20Set%20of%20Standards.pdf>
 - Table 78 – Communication – Available standards
 - Communication DSL/PON IEEE 802.3 application for GEPON
 - Communication DSL/PON IEEE 802.3av application for 10GEPON

Motion to Adjourn

- Move to adjourn

M: H. Barrass

S: G. Thompson

Motion passes by voice without opposition

- Adjourned on Wednesday at 3:14pm

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