



# IEEE 802.3 Maintenance Task Force

## 18<sup>th</sup> March 2014

### Beijing, China

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

# Agenda

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- Introduction
- Review patent slides
- Review and approve agenda
- Approve minutes
- Maintenance request status
  - Consider new maintenance requests
  - Review status of open maintenance requests
- Review process for submitting drafts to 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.



# 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](mailto: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.**

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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

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- Motion #1: Approve the agenda
  - M: Barrass            S: Law
  - Passes by voice vote without opposition
  
- Motion #2: Approve the January 2014 minutes
  - M: Law                S: Barrass
  - Passes by voice vote without opposition



# Attendance

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- IEEE Meeting Attendance Tool
  - <http://imat.ieee.org/>
- For more information, please see...
  - [http://ieee802.org/3/minutes/mar14/0314\\_imat.pdf](http://ieee802.org/3/minutes/mar14/0314_imat.pdf)
- Please sign the attendance sheet for the Task Force meeting minutes

# Maintenance Request Status

- 19 Open Maintenance Requests
- 5 new requests since January 2014
  - 1257 and 1258 received after 10<sup>th</sup> February deadline
- Current status of open requests
  - Approved 0
  - Balloting 0
  - Ready for ballot 10
  - Awaiting clarification 0
  - Errata 0
  - To be categorised 9

## New requests

1254	23-Jan-14	802.3-2012	69B	Incorrect replacement for Figure 69B-5
1255	05-Feb-14	802.3-2012	67	Include PHYs added by P802.3av and P802.3bk
1256	06-Feb-14	802.3-2012	75.3.5.3	SIGNAL_DETECT capitalization
1257	17-Feb-14	802.3-2012	72.6.10.2.5	Coefficient update process reference
1258	17-Feb-14	802.3-2012	53.8.2.1	Input jitter definition

# Ballot status

MR	Jan-14	Mar-14	Target project	Update
<a href="#">1238</a>	<a href="#">B</a>		Revision	
<a href="#">1239</a>	<a href="#">B</a>		Revision	
<a href="#">1242</a>	<a href="#">B</a>		P802.3bm?	
<a href="#">1243</a>	<a href="#">B</a>		Revision	
<a href="#">1244</a>	<a href="#">B</a>		P802.3bm?	
<a href="#">1246</a>	<a href="#">B</a>		P802.3bm?	
<a href="#">1247</a>	<a href="#">B</a>		Revision	
<a href="#">1248</a>	<a href="#">R</a>		P802.3bj	Initial LMSC Sponsor Ballot comment #88
<a href="#">1249</a>	<a href="#">B</a>		Revision	
<a href="#">1250</a>	<a href="#">B</a>		Revision	
<a href="#">1251</a>	<a href="#">B</a>		Revision	
<a href="#">1252</a>	<a href="#">R</a>		P802.3bm	Initial Working Group Ballot comment #31

## MR 1253

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- Figure 77-29, Gate Processing ONU Programming state diagram
- If-then statement in “PARSE GATE” state missing “then”
- Change status to “Ready for Ballot”, target next revision

## MR 1254

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- IEEE P802.3ba incorrectly replaced Figure 69B-5 (only the caption was to be changed)
- The new figure (but not the caption) was supposed to replace Figure 69B-2
- Restore Figure 69B-5 (keeping the new caption)
- Change status to “Ready for Ballot”, target next revision

## MR 1255

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- Clause 67 has not been updated to refer to PHYs added by IEEE P802.3av and IEEE P802.3bk projects
- Detailed change text provided
- Consult with IEEE P802.3bn chair/editor-in-chief

## MR 1256

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- Capitalize of SIGNAL\_DETECT in Table 75-4 (heading of last column)
- Similarly for Table 60-2
- Unclear if instances of “Signal Detect threshold” should also be updated in these Tables
- Requests discussion to capitalize “Signal\_Detect” in Figures 60-2 and 75-3
- Request resubmission with preferred resolution explicitly stated

## MR 1257

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- 72.6.10.2.5 incorrectly refers to Figure 72-5 (it should refer to Figure 72-6)
- Defer action to May interim



## MR 1258

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- 53.8.2.1 incorrectly refers to the 53.7.1 (it should refer to Annex 48B.3)
- Defer action to May interim

# “Legacy” Maintenance Request

MR	Jan-14	Mar-14	Action(s)
<a href="#">1195</a>	<a href="#">R</a>		<ul style="list-style-type: none"><li>• E-mail dialogue initiated 8<sup>th</sup> November 2013</li><li>• Most recent message 16<sup>th</sup> January 2014 (on-going)</li></ul>

- Recommend the MR 1195 be rejected since the response has not been progressed by the submitter
- M: Law      S: Barrass
- Passed by voice without opposition

# ISO/IEC JTC1 SC6

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- [Process](#) adopted by IEEE 802 EC March 2013
- IEEE 802 to provide regular status reports to SC6
- IEEE 802 to liaise drafts that will later to submitted for adoption (in parallel with WG or Sponsor ballots)
- ISO/IEC/IEEE FDIS 8802-3 approved
- What's next?

Adjourn

# Maintenance web and reflector

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- 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](http://www.ieee802.org/3/private/maint/revision_request.html)
  - Username: \*\*\*\*\*
  - Password: \*\*\*\*\*
- IEEE 802.3 Maintenance reflector
  - [stds-802-3-maint@ieee.org](mailto:stds-802-3-maint@ieee.org)