

**IEEE 802.3  
Maintenance Task Force  
11<sup>th</sup> March 2009,  
Vancouver, BC, Canada**

**Wael William Diab  
Chair, IEEE 802.3 Maintenance TF  
Vice-Chair, IEEE 802.3 Working Group  
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# Agenda

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- Time: 1pm to 3pm
    - Review and approve agenda
    - Review patent slides
    - Approve January minutes
    - Interpretations
      - 1-03/09
    - New maintenance request
      - 1205
    - 802.3bb
  - Time: 3pm to 4pm (Fairmont, “Boardroom”)
    - New maintenance request (15 mins)
      - 1206, 1207 and 1208
    - Containment overview and contributions (15 mins)
    - Containment discussion (30 mins)
  - Time: 4pm to END
    - 802.3bc WG Ballot comment resolution\*
    - ISO/IEC JTC 1 SC6 WG 1 8802-3:2000
- \* work on 802.3bc may commence prior to 4pm

# 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](mailto: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.**

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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 to approve the agenda
  - M: H. Frazier      S: R. Grow
  - Passes by voice vote without opposition
  
- Motion to approve the January 2009 minutes
  - M: J. Lapak      S: D. Estes
  - Passes by voice vote without opposition



# Interpretation Request 1-03/09

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- Proposed response

This request is a request for consultation rather than an interpretation request. It also does not meet the requirement of providing at least two possible interpretations.

The functionality required is unambiguously stated in the standard.

The requester's interpretation is not correct as the standard does not specify or limit how the functionality is achieved.

- Move

- Accept above response to interpretation request 1-03/09

- M: R. Grow      S: S. Carlson

- Y: 7      N:0      A:0 Motion Passes

# Maintenance Request Status

- 24 Open Maintenance requests
- 4 new requests since January
  - Related to CARRIER\_STATUS transition editorial issue, 100BASE-TX objectives and 10GBASE-T objectives
- Current status of open requests:

|                        |    |
|------------------------|----|
| Balloting              | 10 |
| Ready for ballot       | 7  |
| Awaiting clarification | 0  |
| To be categorised      | 7  |

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

## New requests

| Request | Standard   | Subclause  | Subject                                   |
|---------|------------|------------|---|
| 1205    | 802.3-2008 | 22.2.1.3.3 | CARRIER_STATUS transition editorial error |
| 1206    | 802.3-2008 | 24.1.2     | 100BASE-TX Media grade objective          |
| 1207    | 802.3-2008 | 24.1.2     | 100BASE-TX Media reference objective      |
| 1208    | 802.3-2008 | 55.1.1     | 10GBASE-T Media reference objective       |

# Maintenance Request 1205 Notes

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- Behaviour is correctly described in the NOTE
- First sentence of 2<sup>nd</sup> paragraph is incorrect and is to be deleted
- Status to be changes to “Ready for Ballot”
  - Maint TF Chair to provide P802.3az Chair option of conducting the balloting with P802.3az WG ballot

# Request 1206 – Notes

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- Notes from discussion
  - Requester updated suggested change to “deleting the word “UTP” from bullet (d)”
    - Poll of support of such a remedy
    - Y: 1 N: 7 A: 13
    - Lacks consensus
  - Propose adding the “5” footnote designation after the word UTP
    - Y: 9 N:1 A:11
    - Has consensus
  - Change the status from “Received to Ready for Ballot” and update remedy

# Request 1207 – Notes

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- Notes from discussion
  - Requester updated suggested change “adding the “5” footnote designation after the word unshielded”
    - Y: 11      N: 0      A: 8
    - Has consensus
  - Change the status from “Received to Ready for Ballot” and update remedy

# Request 1208 – Notes

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- Submitter withdraws request

# Straw Poll

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Prefer to do the maint requests 1206 and 1207 in P802.3az

- 1

Prefer to do the maint requests 1206 and 1207 in a future maint project

- 3

Don't care

- 5

# Containment and LLDP Motion

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## Move:

- Affirm the containment model contained in IEEE P802.3bc D2.0 is the model used for LLDP related projects moving forward
- Request that IEEE P802.3at and IEEE P802.3az make the changes to their drafts to match above
- Copy the text from IEEE 802.1AB-2005 Section 5.2, items N and M to IEEE 802.3bc
  
- M: D. Law            S: H. Frazier
- Technical (75%)
- All:            Y:15            N:0            A:6
- Motion Passes



# 802.3bb Draft Review

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- Reviewed the draft that was submitted for WG Preview
- No changes were suggested or requested

# Review: IEEE 802.3bb Jan Motion

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## Move:

- Submit draft D1.0 with comments captured in diab\_1\_0109.pdf for Working Group preview at the March 2009 plenary
- Request that the 802.3 Working Group conduct a ballot on the draft
  
- M: D. Law      S: H. Barrass
- Technical (75%)
- All:            Y:5                    N:0                    A:0
- Motion Passes

# IEEE 802.3bb Mar Motion

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## Move:

- Request that IEEE 802.3 authorize the IEEE 802.3 Working Group chair to submit IEEE P802.3-2008/Cor 1 to sponsor ballot conditional upon successful completion of the Working Group ballot (making this request at the same time as Working Group ballot authorization is not setting precedent).
- Request that IEEE 802.3 authorizes the Maintenance Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during Working Group and Sponsor Balloting.
  
- M:D. Law    S: G. Zimmerman
- Technical (75%)
  
- All:                    Y:5                    N:0                    A:1
- Motion Passes

# IEEE 802.3bc Mar Motion

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## Move:

- Request that IEEE 802.3 authorize the IEEE 802.3 Working Group chair to submit IEEE P802.3bc to sponsor ballot conditional upon successful completion of the Working Group ballot.
- Request that IEEE 802.3 authorizes the Maintenance Task Force to conduct meetings and recirculation ballots as necessary to resolve comments received during Working Group and Sponsor Balloting.
  
- M:D. Law    S: G. Zimmerman
- Technical (75%)
  
- All:            Y:6                    N:0                    A:0
- Motion Passes

# 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 | -      | -        | -      |

# Vancouver Plenary Meeting Report

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- Met Wednesday 11<sup>th</sup> March
  - Thanks to those that attended
- Reviewed IEEE P802.3bc/D2.0
- Responded to 104 comments

|                         |    |
|-------------------------|----|
| E (Editorial)           | 67 |
| ER (Editorial required) | 7  |
| T (Technical)           | 24 |
| TR (Technical required) | 6  |
| G (General)             | 0  |
| GR (General required)   | 0  |

# IEEE 802.3bc WG Review 1

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## Move:

- Accept all open Es and ERs in the comment database
- Provide the Editor of P802.3bc editorial license
  
- M: G. Zimmerman    S: J. Lapak
- Technical (75%)
  
- All:            Y:7            N:0            A:0
- Motion Passes

# IEEE 802.3bc WG Review 2

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## Move:

- Charter the Editor of P802.3bc to generate D2.1 incorporating resolution to comments received on D2.0 and changes captured in diab\_1\_0309.pdf
- M: N. Finn      S: J. Lapak
- Technical (75%)
- All:            Y:    7            N:0            A:0
- Motion Passes



# Liaison to ISO/IEC JTC 1 SC6 WG 1

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- Subject: 8802-3:2000
- 8802-3:2000 is obsolete. The current revision is IEEE 802.3-2008
- The IEEE 802.3 believes that the current PSDO fully satisfies our requirements for international acceptance and recognition. IEEE 802.3 does not expect to submit any further versions to ISO/IEC for approval.
- Therefore we suggest ISO/IEC JTC 1 SC6 WG 1 review the active status of 8802-3:2000
- The IEEE 802.3 has enjoyed working with ISO/IEC JTC 1 SC6 WG 1
- We continue to offer and look forward to contributions from your members or International Observers in our future work.

# Liaison Motion

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- Move
  - Accept liaison response as drafted in diab\_1\_0309.pdf as a basis for a liaison communication to ISO/IEC JTC 1 SC6 WG 1.
  - Provide editorial licence to the Maint TF Chair to convert the bulleted text into a letter and present at the closing IEEE 802.3 plenary session for review
  - M: G. Thompson
  - S: R. Grow
  - Technical (75%)
  - Passes by voice vote without opposition

# Motion to Adjourn

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- Move to adjourn
  - M: A. Vetteth                      S: F. Schindler
  - Passed by voice vote without opposition
- Adjourned at 6.30pm

# Maintenance Web Information

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- 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](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