# IEEE 802.3 Maintenance Task Force
# 13 November 2019
# Waikoloa, HI USA

Adam Healey
Chair, IEEE 802.3 Maintenance TF
Vice Chair, IEEE 802.3 Ethernet WG

# Agenda

- Introductions
- Review and approve agenda
- Approve minutes
- Guidelines for IEEE-SA Meetings
- IEEE-SA Copyright policy
- Participation in IEEE 802 Meetings
- Attendance procedures
- Consider open maintenance requests
- Consider request to IANA
- Drafts to ISO/IEC JTC 1/SC 6 for preview
- Future meetings

# Agenda and minutes motions

- Motion #1: Approve the agenda
  - M: N. Wienckowski    S: J. Lewis
  - Procedural (> 50%)
  - Passed by voice without opposition

- September 2019 minutes were posted 10 September 2019

- Motion #2: Approve the September 2019 minutes
  - M: M. Hajduczenia    S: D. Law
  - Procedural (> 50%)
  - Passed by voice without opposition

# Guidelines for IEEE-SA 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 of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.

      - **Technical considerations remain the 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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    **For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and
    *Antitrust and Competition Policy: What You Need to Know* at
    http://standards.ieee.org/develop/policies/antitrust.pdf**

  **If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at
  patcom@ieee.org**

◆IEEE

# IEEE SA COPYRIGHT POLICY

**By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.**

- Previously Published material (copyright assertion indicated) shall not be presented/submitted to the Working Group nor incorporated into a Working Group draft unless permission is granted.
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA.
- For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

# IEEE SA COPYRIGHT POLICY

■The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual

- IEEE SA Copyright Policy, see
   Clause 7 of the IEEE SA Standards Board Bylaws
   https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7
   Clause 6.1 of the IEEE SA Standards Board Operations Manual
   https://standards.ieee.org/about/policies/opman/sect6.html

■IEEE SA Copyright Permission
- https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip

■IEEE SA Copyright FAQs
- http://standards.ieee.org/faqs/copyrights.html/

■IEEE SA Best Practices for IEEE Standards Development
- http://standards.ieee.org/develop/policies/best_practices_for_ieee_standards_development_051215.pdf

■Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)
- https://standards.ieee.org/about/policies/opman/sect6.html

**Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct**

- All participants in IEEE-SA activities are expected to adhere to the core principles underlying the:
  - IEEE Code of Ethics
  - IEEE Code of Conduct

- The core principles of the IEEE Codes of Ethics & Conduct are to:
  - *Uphold the highest standards of integrity, responsible behavior, and ethical and professional conduct*
  - *Treat people fairly and with respect, to not engage in harassment, discrimination, or retaliation, and to protect people's privacy.*
  - *Avoid injuring others, their property, reputation, or employment by false or malicious action*

- The most recent versions of these Codes are available at http://www.ieee.org/about/corporate/governance

**Participants in the IEEE-SA "*individual process*" shall act independently of others, including employers**

- The IEEE-SA Standards Board Bylaws require that "*participants in the IEEE standards development individual process shall act based on their qualifications and experience*"

- This means participants:
  - **Shall act & vote** based on their personal & independent opinions derived from their expertise, knowledge, and qualifications
  - **Shall not act or vote** based on any obligation to or any direction from any other person or organization, including an employer or client, regardless of any external commitments, agreements, contracts, or orders
  - **Shall not direct** the actions or votes of other participants or retaliate against other participants for fulfilling their responsibility to act & vote based on their personal & independently developed opinions

- By participating in standards activities using the "*individual process*", you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation

# IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints

- The IEEE-SA Standards Board Bylaws (clause 5.2.1.3) specifies that "*the standards development process shall not be dominated by any single interest category, individual, or organization*"
  - This means no participant may exercise *"authority, leadership, or influence by reason of superior leverage, strength, or representation to the exclusion of fair and equitable consideration of other viewpoints"* or "*to hinder the progress of the standards development activity*"

- This rule applies equally to those participating in a standards development project and to that project's leadership group

- Any person who reasonably suspects that dominance is occurring in a standards development project is encouraged to bring the issue to the attention of the Standards Committee or the project's IEEE-SA Program Manager

# Attendance procedures

- IEEE Meeting Attendance Tool
  - http://imat.ieee.org/

- For more information, please see…
  - http://ieee802.org/3/minutes/attendance_procedures.pdf

- Please sign the attendance sheet for the Task Force meeting minutes

# Maintenance request status

- 1 new request received since September 2019 meeting
- Deadline for consideration was 7 October
- 45 open maintenance requests
- Current status of open requests
  - Approved                 0
  - Balloting                 13
  - Ready for ballot          28
  - Awaiting clarification     0
  - Errata                     0
  - To be categorized          4
- Also see http://www.ieee802.org/3/maint/requests/open_num.htm

# Maintenance requests to be categorized

- For consideration this week

| No. | Date | Standard | Clause | Subject |
|-----|------|----------|--------|---------|
| 1344 | 05-May-19 | 802.3-2018 | 99.4.6 | Incorrect primitive name |
| 1348 | 15-Aug-19 | 802.3-2018 | 97.3.8 | In-band vs. out-of-band |
| 1349 | 29-Aug-19 | 802.3-2018 | 97.3.8 | Clarify OAM requirements |
| 1350 | 10-Sep-19 | 802.3-2018 | Frontmatter | Title of standard |

# Maintenance request 1344

- Proposes to change 99.4.6 as follows

  ... the Express filter ~~passes the RS PLS_DATA.request~~<u>issues ePLS_DATA.indications</u> to the eMAC ...

- The actual issue seems to be that "RS PLS_DATA.request" should be "RS PLS_DATA.indication"

- The proposed text loses the fact that ePLS_DATA.indication convey values received via RS PLS_DATA.indication

- In scope: <u>Yes</u>/~~No~~

- Errata: ~~Yes~~/<u>No</u>

- Complete: <u>Yes</u>/~~No~~

- Ask the submitter to consider updating the request to only change "RS PLS_DATA.request" to "RS PLS_DATA.indication"

# Maintenance request 1348

- In 97.3.8, change "in-band" to "out-of-band" to match the description of OAM information in 97.1.2

- In scope: <u>Yes</u>/~~No~~

- Errata: ~~Yes~~/<u>No</u>

- Complete: <u>Yes</u>/~~No~~

- Change status to "Ready for ballot".

# Maintenance request 1349

- OAM option defined in 97.3.8 lacks normative behaviors and associated PICS
- Add "When OAM is implemented, behavior shall conform to the state diagrams in Figure 97-17 and Figure 97-18."
- Add new major capability and items to the PICS.
- In scope: <u>Yes</u>/~~No~~
- Errata: ~~Yes~~/<u>No</u>
- Complete: <u>Yes</u>/~~No~~
- Change status to "Ready for ballot".

# Maintenance request 1350

- In the frontmatter (Introduction) it states:

  *Ethernet at 10 Mb/s was approved as an IEEE standard by the IEEE Standards Board in 1983 and subsequently published in 1985 as IEEE Std 802.3-1985.*

- But the title of the document was:

  *Local Area Networks: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications*

- The title was changed to "Standard for Ethernet" in the 2012 revision

- Update the introduction accordingly

- In scope: <u>Yes</u>/~~No~~

- Errata: ~~Yes~~/<u>No</u>

- Complete: <u>Yes</u>/~~No~~

- Status to remain "received" until WG chair prepares frontmatter for next IEEE 802.3 revision and it is incorporated into the draft

# Consider request to IANA

[Review file and proposed process]

# Drafts to ISO/IEC JTC 1/SC 6 for preview

[Motion]

# Drafts to ISO/IEC motion

- Motion #3:
  Approve IEEE_802d3_to_ISOIEC_JTC1_SC6_1119_draft.pdf with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.
  - M: S. Carlson        S: G. Thompson
  - Technical ($\geq$ 75%)
  - Passed by voice without opposition

# Future meetings

- Week of 20 January 2020
  - Geneva, CH
- See http://www.ieee802.org/3/interims/index.html

# Adjourn