IEEE 802.3 Maintenance Task Force
15 January 2019
Long Beach, CA 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
- Participation in IEEE 802 Meetings
- Attendance procedures
- Review open maintenance requests
- Draft to ISO/IEC JTC 1/SC 6 for preview
- Standard(s) to ISO/IEC JTC 1/SC 6 for approval
- Timestamping contribution
- Future meetings

Agenda and minutes motions

- Motion #1: Approve the agenda
  - M: C. Jones   S: D. Law
  - Procedural (> 50%)
  - Passed by voice without opposition

- November 2018 minutes were posted 14 November 2018

- Motion #2: Approve the November 2018 minutes
  - M: J. Withey   S: C. Jones
  - 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.**

  **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**

Participation in IEEE 802 Meetings

Participation in any IEEE 802 meeting (Sponsor, Sponsor subgroup, Working Group, Working Group subgroup, etc.) is on an individual basis

- **Participants in the IEEE standards development individual process shall act based on their qualifications and experience. (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)**

- **IEEE 802 Working Group membership is by individual; "Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives". (subclause 4.2.1 "Establishment", of the IEEE 802 LMSC Working Group Policies and Procedures)**

- **Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant's obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**

- **Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 "Chair", list item x.**

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: http://www.ieee802.org/devdocs.shtml)

Attendance procedures

- IEEE Meeting Attendance Tool
  - http://imat.ieee.org/
  - Session access code: **xxxxxxxxxx**

- 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 ballot status

- http://www.ieee802.org/3/maint/requests/open_num.html

Maintenance requests for consideration

- Deadline for consideration at this meeting was 11 December 2018

No.	Date	Standard	Clause	Subject
1316	29-Aug-18	802.3-2018	66.3.3.6, 77.3.3.6	Undefined variable
1318	29-Aug-18	802.3-2018	60.9.13.2.2, 75.7.15.2	Extraneous parentheses
1322	11-Sep-18	802.3-2018	Various, see details	Incorrect state name referenced
1324	15-Oct-18	802.3-2018	45	Typo in Table 45-155
1325	06-Nov-18	802.3-2018	45.2.3.7	Incorrect description in Table 45-181
1326	04-Jan-19	802.3-2018	Various, see details	Update bibliographical reference
1327	08-Jan-19	802.3-2018	45.2.3.75	Redundant "shall".
1328	11-Jan-19	802.3-2018	73.8	Definition of link_control_[x]
1329	13-Jan-19	802.3-2018	40A.2	Incorrect cross-reference.

Maintenance request status

- No new requests received since November 2018 meeting

- 29 open maintenance requests

- Current status of open requests
  - Approved   2
  - Balloting   0
  - Ready for ballot   18
  - Awaiting clarification   0
  - Errata   0
  - To be categorized   9

Maintenance request 1316

- In 64.3.3.6 and 77.3.36, the state diagram variable flags_rx is not defined

- The variable is also referred to as flag_rx

- Add definition for flags_rx and change all occurrences of flag_rx to flags_rx

- A grammatical error in the definition of rx_flags has been corrected in a updated maintenance request

- In scope: Yes/~~No~~

- Errata: ~~Yes~~/No

- Complete: Yes/~~No~~

- Change the status to "Ready for ballot".

Maintenance request 1318

- In 60.9.13.2.2 and 75.7.15.2
- "A non-rigorous way to describe this test setup would be (using a transmitter with a known T_{on})."
- In scope: <u>Yes</u>/~~No~~
- Errata: ~~Yes~~/<u>No</u>
- Complete: <u>Yes</u>/~~No~~
- Change the status to "Ready for ballot".

Maintenance request 1322

- Multiple references to states ERROR_DELAY_SHORT and ERROR_DELAY_OVER in Clause 30 and Clause 33

- The PSE state diagram (Figure 33-9) only includes an ERROR_DELAY state

- P802.3bt modifications to 30.9.1.1.9 and 30.9.1.1.10 are not considered in the request
    - A portion of the proposed revision text would override the amendment

- Returned to submitter with request that P802.3bt amendments to Clause 30 be considered in the proposed revision text

- Updated request is a work in progress

Maintenance request 1324

- Change Table 45-155 bits 15:13 from RO to R/W (it is a control register)

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

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

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

- Change the status to "Ready for ballot".

Maintenance request 1325

- In Table 45-181, description of bits 3.8.12 and 3.8.13 are incorrect ("2.5GBASE-T" and "5GBASE-T" are swapped).

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

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

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

- Change the status to "Ready for ballot".

Draft to ISO/IEC JTC 1/SC 6 for preview

[Liaison letter and motion]

Draft to ISO/IEC motion

- Motion #3:
Approve IEEE_802d3_to_ISOIEC_JTC1_SC6_0119_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: D. Law   S: C. Jones
  - Technical ($\geq$ 75%)
  - Passed by voice without opposition

Standard(s) to ISO/IEC JTC 1/SC 6 for approval

[Motion]

Standard(s) to ISO/IEC motion

- Motion #4: Submit IEEE Std 802.3-2018 and IEEE Std 802.3cb-2018 to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.
  - M: D. Law　　　　S: J. Withey
  - Technical ($\geq$ 75%)
  - Passed by voice without opposition

Timestamping contribution

[Review contribution]

Future meetings

- Week of 11 March 2019
  - Vancouver, BC, Canada
- See http://www.ieee802.org/3/interims/index.html

Adjourn