

2 802.1 Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair and Recording Secretary: Jessy Rouyer
 - Executive Secretary: Stephan Kehrer
 - Liaison Secretary: Karen Randall
- Maintenance TG Chair: Mark Hantel
- Security TG Chair: Mick Seaman
 - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
 - TSN TG Vice-Chair: Craig Gunther
 - TSN TG Secretary: Johannes Specht
 - IEC/IEEE 60802 Joint Project Chair: Ludwig Winkel
 - IEC/IEEE 60802 Joint Project Secretary: Dieter Pröll
 - IEC/IEEE 60802 Joint Project Time Sync ad hoc Chair: David McCall
 - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
 - IEEE P802.1DP/SAE AS6675 joint project Secretary: Marina Gutiérrez
- Nendica Chair: Roger Marks
- YANGsters Chair: Scott Mansfield
 - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- Maintenance of Email exploder: Mark Hantel and Hal Keen
- Maintenance of website: Mark Hantel, Roger Marks, John Messenger

3 Opening Plenary Meeting

See section 1 for attendance and affiliation information.

Call to order Nov 13, 2023 at 10:31 HST by the Chair who presided. The Recording Secretary wrote the minutes.

The Chair presented “Opening Plenary November 2023” finalized as <http://www.ieee802.org/1/files/public/minutes/2023-11-opening-plenary-slides.pdf>.

During this presentation, the Chair:

- Introduced the agendas on slide 2 that were tacitly approved.
- Reminded all participants that access to this session requires a registration fee (slide 3).
- Provided mixed mode session information (slide 4) and mixed mode guidelines (slides 5-7).
- Reviewed meeting decorum, including the policies on public reporting, and on photography or recording (slide 8).
- Asked participants to record attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker (slide 9).
- Presented slide 10 thereby providing the following information:
 - IEEE SA’s copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
 - Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy.
- Showed IEEE SA Copyright Policy slides 11 and 12.

- Showed slides 13 through 17 (reproducing slides 0 through 4 of the IEEE SA PatCom Patent Slides for Standards Development Meetings, separately available at <http://standards.ieee.org/about/sasb/patcom/materials.html>).

The Chair:

- Presented information on these slides including:
 - Instructions for the WG Chair;
 - Participants have a duty to inform the IEEE;
 - Ways to inform IEEE;
 - Other guidelines for IEEE Working Group meetings; and
 - Patent-related information.
- Advised WG attendees that:
 - 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 IEEE is not aware. Additionally, neither 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.
- Made the "Call for Potentially Essential Patents", i.e. 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.
 - There were no responses to the call.
- Presented slides 18 through 20 reproducing the IEEE SA slides 1 through 3 approved by SASB in June 2019 regarding IEEE Codes of Ethics and Conduct, participation in the "individual process", and dominance, thereby conveying that:
 - Participant behavior in IEEE-SA activities is guided by the IEEE Codes of Ethics & Conduct;
 - Participants in the IEEE-SA "individual process" shall act independently of others, including employers; and
 - IEEE-SA standards activities shall allow the fair & equitable consideration of all viewpoints.
- Made subgroup announcements (slide 21) thereby reminding subgroup Chairs of their obligation to:
 - Remind participant at the start of the first subgroup meeting that the meeting is subject to the policies in "MEETING INTRODUCTION" presentations made available beforehand (as announced in the opening plenary meeting) and, in the case of a Task Group (TG), to make the "Call for Potentially Essential Patents" and minute any responses to it;
 - After any recess, announce that the meeting remains subject to the policies as read and displayed in the opening plenary meeting; and
 - At meeting start and after any recess, ask participants to record attendance in IMAT and, if unable to do so, to promptly provide their affiliation to the minute taker.
- Reminded participants of the various plenary session registration fees applying and attendant registration details (slide 22), noting fee waivers may be granted in advance, exceptionally.
- Shared information about food and social logistics (slide 23).
- Provided general information regarding meeting contributions, minutes, schedule for all Working Groups, website (slide 24).

- Introduced 802.1 officers and leadership (slide 25) noting the appointment of Mark Hantel as Maintenance Task Group Chair and of Dieter Pröll as IEC/IEEE 60802 Joint Project Secretary.
- Reviewed the list of editors for current projects (slide 26) thanking them for all their efforts in progressing the work.
- Discussed 802.1 WG Process (slide 27) including the “New work” process as previously introduced and leveraging Nendica towards vetting all new 802.1 work.
- Provided an update on current joint development procedures (slide 28).
- Reminded 802.1 voting members of their obligations regarding declaring affiliation(s) and employer(s) (slide 29), electronic ballots (ePolls) conducted between sessions (slide 30), requesting and retaining voting membership (slide 31), and responding to WG ballot series (including ePolls) as well as regarding the consequences of not responding to WG ballot series (including ePolls) (slide 32).
- Reviewed the list of 802.1 voters (slide 33), including information about individuals who may gain (slides 34 and 35) or lose (slide 36 and 37) 802.1 voting membership.
- Reminded individual participants of 802.11 reciprocal credit, which was continued at this session (slide 38).
- Had the Executive Secretary introduce information about:
 - The Jan 22-26, 2024 interim session (slide 39).
 - The host provided an update.
 - The May 12-17, 2024 interim session (slide 40).
 - An offer to host the Sep 2024 interim session either in Hamburg, Germany (slide 41) or in Waikoloa, HI, USA (slide 42).
 - Hubert Lambers presented “Proposal to Host IEEE 802.1 Sept 2024 Interim Session” <https://www.ieee802.org/1/files/public/docs2023/admin-lambers-Sept24-interim-proposal-1123-v02.pdf>.
- Had the Executive Secretary provide an overview of the schedule for future interim sessions (slide 43):
 - January 22-26, 2024
 - Hosted by NEC Laboratories Europe in Heidelberg, Germany as in-person session with provisions to support mixed mode
 - May 12-17, 2024
 - Hosted by and co-located with the 802 wireless group as in-person session with provisions to support mixed mode
 - Location: Warsaw, Poland
 - September 2024
 - Offer to host by Airbus
 - Date: September 16-20, 2024
 - Hamburg, Germany
 - Possible option to co-locate with the 802 wireless group is currently being discussed
 - Date: September 8-13, 2024
 - Waikoloa, HI, USA
- Provided an overview of the schedule for future plenary sessions (slide 44):
 - November 12-17, 2023 – Honolulu, HI, USA
 - Hawaiian Village
 - March 10-15, 2024 – Denver, CO, USA
 - Hyatt Regency Denver at Colorado Convention Center
 - July 14-19, 2024 – Montreal, QC, Canada
 - Sheraton Le Centre Montreal

- November 10-15, 2024 – Vancouver, BC, Canada
 - Hyatt Regency
- March 9-14, 2025 – Atlanta, GA, USA
 - Hilton Atlanta
- July 13-18, 2025 – Madrid, Spain
 - Melia Castilla, Madrid Spain (co-located with IETF)
- November 9-14, 2025 – TBD – RFP for North America
- March 8-13, 2026 – Chicago, IL, USA
 - Hyatt Regency Vancouver
- July 13-18, 2026 – Montreal Canada
 - Le Centre Sheraton Montreal
- Nov 8-13, 2026 - TBD – RFP for Asia
- Conducted the following straw polls (slide 45):
 - 1. If the 2024 September Interim Session is held at the ZAL - Center for Applied Aeronautical Research (Airbus) in Hamburg, Germany, as a mixed-mode session, will you attend:
 - Attend In-person - 30
 - Attend Virtually (remotely) - 13
 - Will not attend interim - 4
 - No response - 8
 - 2. If the 2024 September Interim Session is held co-located with the IEEE 802 wireless group at the Hilton Waikoloa Village, Waikoloa, HI, USA, as a mixed-mode session, will you attend:
 - Attend In-person - 18
 - Attend Virtually (remotely) - 23
 - Will not attend interim - 7
 - No response - 8
- Conducted the following straw polls (slide 46):
 - 1. If you will attend one of the three meetings on Friday, November 17 2023 (802 EC Closing Plenary, the 802.11 Closing Plenary or the 802.1 "IEC/IEEE 60802" meeting) will you participate (eat/drink) :
 - With breakfast? - 31
 - With the AM Break? - 31
 - With lunch? - 23
 - 2. If the 2024 March Plenary Session is held at the Hyatt Regency in Denver, USA as an in-person only session, will you attend?
 - Yes - 30 No - 13 Abstain - 3 Did not respond - 10
 - 3. If the 2024 March Plenary Session is held at the Hyatt Regency in Denver, USA as a mixed-mode session, will you attend:
 - Attend In-person - 30
 - Attend Virtually (remotely)- 17
 - Will not attend plenary - 0
 - Did not respond - 9
- Previewed the straw polls regarding this plenary session to be conducted during the 802.1 closing plenary meeting (slide 47):
 - 1. Would you like to come back to this venue?
 - Yes - No - Did not respond -
 - 2. Did you go to the social?
 - Yes - No - Did not respond -
 - 3. Did you like the social?
 - Yes - No - Did not respond -
- Provided pointers to the LMSC schedule of EC/WG/TAG meetings to be held during this plenary session (slide 48).

- Reported the following items out of the 802 Executive Committee (EC) plenary session #134 (slide 49):
 - Fee Waivers granted
 - Catherine Berger, Rob Wilton, Jai Kumar, Hubert Lambers and others
 - IEEE 802 Milestone ([EC-23-129](#))
 - Silicon Valley at Computer History Museum – current process delay
 - 802 rules update ([EC-23-205](#))
 - FrameMaker licenses only for standards with PARs
 - New – Attend in-person to gain voting rights
 - Venues ([EC-23-193](#))
 - July 2023 – 481 in-person, 417 remote attendees – including ~7 students
 - Future venues contracted into 2027, some venues changed - RFP out for remaining slots
 - Joint workshop with ITU-T SG15 proposal for July 13, 2024
- Introduced IEEE SA staff supporting IEEE 802 (slide 50):
 - Jodi Haasz
 - IEEE 802 lead, supports dot01, dot03 and dot18 groups title:
 - Operational Program Management Senior Manager
 - Christy Bahn
 - supports dot11, dot15, dot19 and, dot24 groups
 - Operational Program Management Senior Program Manager
 - Patrycja Jarosz
 - Observe 802 plenary
 - Program Coordinator
 - Mike Kipness (remote)
 - assisting Jodi, Ron, and Christy
 - Operational Program Management Program Manager
 - Catherine Berger (email and 802.1 editors)
 - 802 editorial support
 - Senior Program & Special Project Manager
 - Michelle Turner (email)
 - 802 editorial support
 - Senior Manager, Content Production and Management
- Indicated that 802 LMSC elections take place in March 2024 (slide 51).
 - Individuals wishing to run for elected positions were invited to talk to currently elected individuals for further details.
 - Paul Nikolich will not run for IEEE 802 Chair, James Gilb has declared his candidacy.
 - The 802 Chair also appoints several EC positions.
 - The current 802.1 Chair and 802.1 Vice-Chair will stand for re-election.
- Provided IEEE 802 program status pointers (slide 52), mentioning the following notable items (slide 53):
 - 802.1 3rd in standards downloads with ~19k or 25%
 - Top 3: 802.1Q, 802.1AS, 802.1AE
 - November 2023 publication
 - 802f-2023, 802.1Qcj-2023 & 802.1Qcw-2023
 - Expiring PARs – Dec 2023
 - P802.1DF
 - Expiring standards
 - 2024 – 802
 - 2026 – 802.1AB, 802.1AC

- myProject and DVL updates
- Provided information about public review (slide 54).
- Pointed out 802.1 PARs and CSDs (slide 55) as well as 802.15 and 802.19 PARs and CSDs (slide 56) that are up for vote or finalization during this IEEE 802 plenary session.
- Noted there are no tutorials at this plenary session (slide 57).
- Had the Liaison Secretary co-present liaison resources (slide 58), updated liaison procedures from IEEE SA to come into effect in 2024 (slides 59 and 60), 802.1 liaison relationships (slide 61), 802.1 liaison statements (slide 62), and present the set of incoming liaisons to be handled by specific subgroups as listed on slide 63 as well as the status of outgoing liaisons, either sent since the previous plenary session or to be completed (slide 64).
 - What a liaison relationship enables was discussed.
- Summarized IETF coordination items (slide 65).
 - János Farkas provided an update on ongoing discussions on queuing in the IETF Deterministic Networking WG
<https://www.ieee802.org/1/private/email2/msg36164.html>.
 - It was suggested a tutorial be given on P802.1Qdv and P802.1DC.
- Provided information about JTC1/SC6 coordination (slide 66) and about meetings to be held with 802.15 during this plenary session (slide 67).
- Discussed promotion of the work of the WG (slide 68).
 - János Farkas summarized activity at TSN/A Conference 2023 (slide 69).
- Discussed 802.1 public visibility messaging (slide 70).
- Reminded nominations are welcome for the various types of IEEE awards (slide 71) highlighting the various deadlines and encouraging nominations.
- Noted upcoming WG Chair Awards to follow the publication of IEEE Std 802.1Qcz-2023 and IEEE Std 802.1AEdk-2023 (slide 72).
- Provided the anticipation of next actions with respect to the projects (around 30) in the WG's current workload (slide 73).
- Reviewed the timeline for 802.1Q (slide 74) and 802.1AS (slide 75) revisions and amendments.
- Showed the 802.1 schedule for this plenary session, which was tacitly approved (slide 76).
- Listed 802.1 leadership and editors' meetings (slide 77).
- Reminded the Working Group of the logistics orientation information available <https://1.ieee802.org/orientation/> and of the possibility to practice the web-based voting tool to be used at the 802.1 closing plenary meeting (slide 78).
- Requested that subgroup agendas be presented (slide 79):
 - The Maintenance TG Chair presented the Maintenance TG agenda on slide 80.
 - The Security TG Chair presented the agenda on slide 81.
 - The IEC/IEEE 60802 Joint Project Chair, TSN TG Vice-Chair and TSN TG Chair presented the agenda on slide 82.
 - The Nendica Chair presented the Nendica report on slides 83.
 - The YANGsters Chair presented the agenda on slide 84 and a list of ongoing YANG projects on slide 85.
- Called for Any Other Business (slide 86).
 - No other business was discussed in this meeting.

12:45 HST adjournment

4 802.1/802.15 Joint Meeting

Between this session and the preceding session, the following 802.1/802.15 joint meetings were held whose minutes are incorporated to these session minutes by reference as follows:

- None

See section 1 for 802.1 attendance and affiliation information and 802.15 session minutes for 802.15 attendance and affiliation information.

The minutes of the 802.1/802.15 joint meeting held Nov 14, 2023 are on page 6 of “802.15 WG & CAC Minutes November 2023 Plenary” <https://mentor.ieee.org/802.15/dcn/23/15-23-0553-02-0000-802-15-wg-cac-min-nov-2023-plenary.docx>.

5 Maintenance Task Group

Between this session and the preceding session, the IEEE 802.1 Maintenance Task Group (TG) held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the Maintenance TG meeting held 2023-10-04 11:00 – 12:28 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;304fc89a.24&S=>
- Minutes of the Maintenance TG meeting held 2023-10-17 11:01 – 12:30 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;eb2895e6.24&S=>
- Minutes of the Maintenance TG meeting held 2023-10-18 11:05 – 11:57 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;a8f2bc88.24&S=>
- Minutes of the Maintenance meeting held 2023-10-25 11:00-12:30 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;9c4c9644.23&S=>
- Minutes of the Maintenance TG meeting held 2023-11-01 11:00 - 12:23 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3cb1031b.24&S=>
- Minutes of the Maintenance meeting held 2023-11-07 11:03 – 12:47 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;647c3904.24&S=>

See section 1 for attendance and affiliation information.

Call to order Nov 14, 2023 at 8:00 HST by Mark Hantel, IEEE 802.1 Maintenance TG Chair, who presided. Jessy Rouyer, IEEE 802.1 Recording Secretary, wrote the minutes assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <http://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>.

The Maintenance TG Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.

The Maintenance TG Chair made the Call for Potentially Essential Patents thereby providing 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: there were no responses to this Call prior to the end of the meeting.

The Maintenance TG Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Approval of agenda. The Maintenance TG Chair presented the agenda in <https://1.ieee802.org/november-2023-plenary-session-maintenance-tg-agenda/>.
Disposition: The agenda was reviewed, discussed and agreed (informally, none dissenting) as presented.
3. Maintenance Project Status. The Maintenance TG Chair presented “Maintenance TG Project Status” in “Maintenance Task Group Hybrid Meeting” <https://www.ieee802.org/1/files/public/docs2023/maint-Hantel-hy-1123-v03.pdf>.
Disposition: For information.
4. Review of Maintenance Motions from July 2023. The Maintenance TG Chair presented “Motions Summary” and “July Motion Summary” in “Maintenance Task Group Hybrid Meeting” <https://www.ieee802.org/1/files/public/docs2023/maint-rouyer-hy-1123-v03.pdf> and led the discussion of draft Maintenance TG motions.
Disposition: Draft Maintenance TG motions up for vote at the 802.1 closing plenary meeting.
5. 802 PARs Under Consideration. The Maintenance TG Chair led the discussion and drafting of 802.1 comments on the P802.19.3a PAR and CSD and on the P802.15.4ad PAR and CSD. The initial set of 802.1 comments had been drafted pre-session in “Comments on IEEE P802.19.3a PAR & CSD From IEEE 802.1” <https://www.ieee802.org/1/files/public/docs2023/admin-PAR-CSD-comments-802.19.3a-1123-v02.pdf>, and in “Comments on IEEE P802.15.4ad PAR & CSD From IEEE 802.1” <https://www.ieee802.org/1/files/public/docs2023/admin-PAR-CSD-comments-802.15.4ad-1123-v02.pdf>, respectively.
Disposition: Set of 802.1 comments on the P802.19.3a PAR and CSD updated per discussion as “Comments on IEEE P802.19.3a PAR & CSD From IEEE 802.1” <https://www.ieee802.org/1/files/public/docs2023/admin-PAR-CSD-comments-802.19.3a-1123-v03.pdf>. Set of 802.1 comments on the P802.15.4ad PAR and CSD unchanged.
6. Liaison Activity. Karen Randall, IEEE 802.1 Liaison Secretary, led the review and discussion of “Incoming Liaisons (new)” and “Outgoing Liaisons” in “Maintenance Task Group Hybrid Meeting” <https://www.ieee802.org/1/files/public/docs2023/maint-rouyer-hy-1123-v03.pdf>:
 - “Liaison reply from IEEE 802.3 to Ultra Ethernet Consortium (UEC)”
 - “Liaison from ITU-T JCA: LS on Invitation to update the information in the IMT2020 roadmap”
 - “Randomized and Changing MAC Address”, and “Randomized and Changing MAC Address Use cases” from MAC Address Device Identification for Network and Application Services (MADINAS)**Disposition:** No planned outgoing liaisons from the Maintenance TG at the 802.1 closing plenary meeting.
7. P802.1ASdr Comment resolution. Silvana Rodrigues, P802.1ASdr editor, presented “802.1ASdr-D1.2 Editor’s Report Comment Resolution for SA first recirculation Ballot Version 1” <https://www.ieee802.org/1/files/public/docs2023/dr-Rodrigues-d1-2-SA-recirc1-ballot-report-1123-v00.pdf> and led the resolution of comments received in the SA recirculation ballot on <https://www.ieee802.org/1/files/private/dr-drafts/d1/802-1ASdr-d1-2.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/dr-drafts/d1/802-1ASdr-d1-2-sa-recirc1-dis-V00.pdf>. Anticipated next: RevCom recommendation for SASB to approve pre-publication.

8. P802.1Q-2022 Rev. Mick Seaman, P802.1Q-2022-Rev editor, led discussion of next steps for incorporation of the 802.1Qcz, 802.1Qcw, 802.1Qcj amendments.
Disposition: For information.
9. SC6 Status. Karen Randall, 802.1 Liaison Secretary, presented “ISO/IEC JTC1 SC6 STATUS November 2023” slides in “Maintenance Task Group Hybrid Meeting”
<https://www.ieee802.org/1/files/public/docs2023/maint-rouyer-hy-1123-v03.pdf>.
Disposition: For information.
10. New Maintenance Requests. The Maintenance TG Chair had no new maintenance requests to discuss.
Disposition: For information.
11. Existing Maintenance Requests (Updated). The Maintenance TG Chair led the discussion of the following maintenance requests:
 - 0301: ieee8021QBridgeStaticUnicastReceivePort and ieee8021QBridgeStaticMulticastReceivePort – Norm Finn (Qcw/d2.0)
 - 0309: Preemption in 802.1Q – Johannes Specht
 - 0310: Preemption in 802.1AC – Johannes Specht (Waiting for 802.1AC)
 - 0312: StreamID as a key for YANG lists – Don Fedyk**Disposition:** Details for discussion on all items are logged in the IEEE 802.1 maintenance database at <https://www.802-1.org/home> where items progressed at the meeting can be reviewed by selecting ‘Meetings’.
12. Any Other Business. No other business was discussed in this meeting.

10:01 HST recess

Call to order Nov 15, 2023 at 8:06 HST by Mark Hantel, IEEE 802.1 Maintenance TG Chair, who presided. Jessy Rouyer, IEEE 802.1 Recording Secretary, wrote the minutes assisted by Karen Randall, IEEE 802.1 Liaison Secretary.

13. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <http://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>.
The Maintenance TG Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.
The Maintenance TG Chair made the Call for Potentially Essential Patents thereby providing 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: there were no responses to this Call prior to the end of the meeting.
The Maintenance TG Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.
14. Approval of agenda. The Maintenance TG Chair presented the agenda in <https://1.ieee802.org/november-2023-plenary-session-maintenance-tg-agenda-p802-revc-comment-resolution/>.
Disposition: The agenda was reviewed, and agreed (informally, none dissenting) as presented.
15. P802-REVC comment resolution. James Gilb, P802-REVC editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/802-REVC-drafts/d1/P802-REVC-d1.1.pdf>, and walked through <https://www.ieee802.org/1/files/private/802-REVC->

[drafts/d1/P802-REVC-d1.2-pre0.pdf](https://www.ieee802.org/1/files/private/802-REVC-drafts/d1/P802-REVC-d1.2-pre0.pdf) and <https://www.ieee802.org/1/files/private/802-REVC-drafts/d1/P802-REVC-d1.2-pre0CMP.pdf>.

Disposition: Comments 58, 65 discussed. Only comment 65 was unaddressed comment and was resolved. Final disposition (provided post-session):

<https://www.ieee802.org/1/files/private/802-REVC-drafts/d1/1-23-0037-00-Mntg-p802-revc-d1-1-comments-dis.pdf>. Two two-hour Maintenance TG electronic meetings would be scheduled in Dec 2023 and Jan 2024 to discuss EPD and LPD aspects. Anticipated next: 20-day WG recirculation ballot in Dec 2023 followed by comment resolution in Maintenance TG meetings both before and during the Jan 2024 802.1 interim session.

16. Any Other Business. Agreed (informally, none dissenting) for:

- “P802.1CB-2017/Cor1 Resolution of comments on PAR” [cb-cor1-PAR-Comments-and-Resolution-1123-v01.pdf](#) to be the response to comments received on pre-circulated [cb-cor1-mansfield-draft-PAR-1023-v02.pdf](#).
- A liaison to be prepared as communication to IETF MAC Address Device Identification for Network and Application Services (MADINAS) WG on Randomized and Changing MAC Address.

17. Future Meetings. Agreed (informally, none dissenting) to hold electronic meetings of the Maintenance TG to review P802.Q-Rev/D1.1 and plans for the SA recirculation ballot on Dec 12 and 19, 2023, and Jan 9, 2024 11:00-13:00 ET Mar 29, 2022 at 11:00 ET.

10:03 HST adjournment

6 Security Task Group

Between this session and the preceding session, the IEEE 802.1 Security Task Group (Security TG) did not hold electronic meetings.

See section 1 for attendance and affiliation information.

Call to order Wednesday Nov 15, 2023 at 10:45 HST by Mick Seaman, IEEE 802.1 Security TG Chair, who presided and wrote the minutes assisted by Karen Randall, IEEE 802.1 Security TG Vice-Chair.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of MEETING INTRODUCTION”

<https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>.

The Security TG Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.

The Security TG Chair made the Calls for Potentially Essential Patents thereby providing 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: there were no responses to these Calls prior to the end of the session.

The Security TG Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Approval of agenda. The Security TG Chair presented the agenda in <https://1.ieee802.org/november-2023-plenary-session-security-tg-agenda/>.

Discussion:

- Liaisons to be considered under Any Other Business (A.O.B.) include a response to the IETF regarding MADINAS (MAC Address Device Identification for Network and Application Service – random and changing MAC addresses).
- Responses to SC6 ballot of 802.1 standards to be adopted under the PSDO agreement have been drafted and will be considered by the Maintenance TG and the 802.1 closing plenary meeting.

Disposition: The agenda was reviewed, discussed and updated as recorded by these minutes.

3. P802.1Qdt Priority-based Flow Control Enhancements. Mick Seaman presented “Priority-based Flow Control-Proposed Clause 36 changes”

<https://www.ieee802.org/1/files/public/docs2023/dt-seaman-clause-36-proposal-1123-v0.pdf>.

Discussion:

- Detailed walk through proposed text.
- Proposal is a reorganization, with much added text, but retaining the existing description of PFC with IEEE 802.3 MAC Control in 36.3, with minor editorial updates.
- Adds to existing description of PFC and data frames unprotected by MACsec, with MACsec data protection or MAC Privacy protection of data frames, and possibly of PFCs, reducing attack surface and information leakage from observable PFC transmission.
- 12:20 – 13:35 HST recess
- Continued detailed walk through proposed text.
- Still work to do on headroom protocol details and management.
- Some items missing from Annex N, but that Annex should remain focused on 802.3 MAC Control PFC without MACsec data protection or MAC Privacy protection.

Disposition: Draft to be updated with contribution. Plan for Task Group ballot after Jan 2024 interim session (Task Group ballot but heads up to the TSN TG).

4. Any Other Business

4.1. Potential MACsec optimizations for automotive (shared media configurations, pre-shared keys).

Disposition: No further contribution at this meeting. Discussion to be continued.

4.2. MADINAS.

Disposition: Discussion points captured in response subsequently approved at the IEEE 802.1 closing plenary meeting.

4.3. Responses to SC6 ballots of IEEE Std 802.1Qcz, IEEE Std 802.1AEdk

Disposition: Responses considered and approved at the IEEE 802.1 closing plenary meeting.

5. Review potential Security TG Motions/Liaisons for Closing Plenary.

Disposition: None required, apart from addition to the general list of permissions to hold electronic meetings prior to the next plenary session (with 10-day notice to the 802.1 minutes email list, as usual).

6. Future meetings. The Security TG will meet during the Jan 2024 interim session.

15:32 HST adjournment

7 Time-Sensitive Networking Task Group

Between this session and the preceding session, the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group (TG) held electronic meetings on generic TSN topics whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the TSN TG meeting held 2023-09-18, 11:00 – 13:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;abf21f67.24&S=>
- Minutes of the TSN TG meeting held 2023-10-02, 11:00 – 13:13 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7613755c.23&S=>
- Minutes of the TSN TG meeting held 2023-10-09, 11:00 – 13:11 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3fb724ce.23&S=>
- Minutes of the TSN TG meeting held 2023-10-16, 11:00 – 13:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3b409c7f.24&S=>
- Minutes of the TSN TG meeting held 2023-10-30, 10:00 – 12:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;63c53b69.24&S=>
- Minutes of the TSN TG meeting held 2023-11-06, 11:00 – 13:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;95b8aca9.24&S=>

Between this session and the preceding session, the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group (TG) held electronic meetings on P802.1DG whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the IEEE P802.1DG meeting held 2023-09-19 9:00 - 11:00 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;3baf823.23&S=>
- Minutes of the IEEE P802.1DG meeting held 2023-10-03 9:00 - 10:50 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;c4ebbf0e.23&S=>
- Minutes of the IEEE P802.1DG meeting held 2023-10-10 9:00 - 11:02 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7c33502b.23&S=>
- Minutes of the IEEE P802.1DG meeting held 2023-10-17 9:00 - 11:01 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;b7948dd5.23&S=>
- Minutes of the IEEE P802.1DG meeting held 2023-10-24 9:00 - 10:19 ET (revised)
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;33b91bdd.23&S=>

See section 1 for attendance and affiliation information.

Minutes of the IEC/IEEE 60802 Joint Project meetings are in section 7.1.

Minutes of the IEEE P802.1DP/SAE AS 6675 joint project meeting and of the first P802.1Qdx meeting are in section 7.2.

Call to order Nov 13, 2023 at 8:00 HST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>.

The Chair showed this presentation advising that the following, provided beforehand, applies:

- 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 IEEE is not aware. Additionally, neither 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.
- IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
- Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy.

The Chair made the Calls for Potentially Essential Patents at the beginning of each TG meeting during this session thereby providing 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: there were no responses to these Calls prior to the end of the session.

The Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.

2. Approval of agenda. The Chair presented the agenda in <https://1.ieee802.org/2023-11-plenary-tsn-agenda/>.

Disposition: The agenda was reviewed, and updated as recorded by these minutes.

3. Geoffrey Garner, P802.1ASdm editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/asdm-drafts/d1/802-1ASdm-d1-3.pdf>.

Disposition: Disposition per agenda item 9.

10:00 HST recess

Call to order Nov 13, 2023 at 13:30 HST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

4. The Chair announced that this meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.
5. The chair showed the incoming liaisons and communication:
 - “IEEE 802.3 Ethernet Working Group Liaison Communication”
<https://www.ieee802.org/1/files/public/docs2023/liaison-UEC-IntroToUECFrom8023-1023.pdf>**Disposition:** Incoming communication discussed.
6. Don Pannell presented “Authorizing PAR development for a new amendment to 802.1AS”
<https://www.ieee802.org/1/files/public/docs2023/new-pannell-Announce-Configuration-1123-v01.pdf>.
Disposition: Presentation discussed. Further discussion needed.
7. Johannes Specht, P802.1ASdn editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/asdn-drafts/d1/802-1ASdn-d1-2.pdf>.
Disposition: Final disposition: <https://www.ieee802.org/1/files/private/asdn-drafts/d1/802-1ASdn-d1-2-dis-v01.pdf>.

8. Geoffrey Garner, P802.1ASdm editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/asdm-drafts/d1/802-1ASdm-d1-3.pdf>.
Disposition: Disposition per agenda item 9.

16:00 - 16:30 HST recess

9. Geoffrey Garner, P802.1ASdm editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/asdm-drafts/d1/802-1ASdm-d1-3.pdf>.
Disposition: Comments 1-18, 22-24, 26-60 resolved. Final disposition: <https://www.ieee802.org/1/files/private/asdm-drafts/d1/802-1ASdm-d1-3-dis-v01.pdf>.

17:46 HST recess

Call to order Nov 14, 2023 at 10:30 HST by Craig Gunther, IEEE 802.1 TSN TG Vice-Chair, who presided and wrote the minutes.

10. Meeting introduction and other administrative items. The IEEE 802.1 TSN TG Vice-Chair, Craig Gunther, announced that this meeting remains subject to the Policies mentioned in agenda item 1, then showed slides 4, 5, and 6 of the “MEETING INTRODUCTION” <https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>, and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.
11. Approval of agenda. The TSN TG Vice-Chair presented the agenda in <https://1.ieee802.org/2023-11-plenary-tsn-agenda/>.
Disposition: the agenda was reviewed, discussed, and updated as recorded by these minutes.
12. The TSN TG Vice-Chair reviewed the upcoming schedule of intersession P802.1DG electronic meetings to be held between this plenary session and the Jan 2024 interim session.
Disposition: For information.
13. Max Turner, P802.1DG Editor, presented “P802.1DG-D2.2 Editor’s Report V2” <https://www.ieee802.org/1/files/public/docs2023/dg-Turner-EditorsReport-1123-v2.pdf> (updated as <https://www.ieee802.org/1/files/public/docs2023/dg-Turner-EditorsReport-1123-v4.pdf> post-session).
Disposition: For information.
14. Takumi Nomura presented “Proposed Amendments to Time Synchronization Profiles” <https://www.ieee802.org/1/files/public/docs2023/dg-Nomura-JASPAR-Use-Cases-1123-v08.pdf>.
Disposition: Presentation discussed.
15. P802.1DG/D2.2 Task Group comment resolution. Max Turner, P802.1DG Editor, continued presenting “P802.1DG-D2.2 Editor’s Report V2” <https://www.ieee802.org/1/files/public/docs2023/dg-Turner-EditorsReport-1123-v2.pdf> (updated as <https://www.ieee802.org/1/files/public/docs2023/dg-Turner-EditorsReport-1123-v4.pdf> post-session) and led the resolution of comments received on <https://www.ieee802.org/1/files/private/dg-drafts/d2/802-1DG-d2-2.pdf>.
Disposition: Comments 11, 4, 13, 23, 3, 15, 5, 6 in <https://www.ieee802.org/1/files/private/dg-drafts/d2/802-1DG-d2-2-pdis-v2.pdf> resolved.

12:35 HST recess

Call to order Nov 15, 2023 at 8:00 HST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

16. The Chair announced that this meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.
17. Abdul Jabbar, P802.1Qdx editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/dx-drafts/d1/802-1Qdx-d1-0.pdf>.
Disposition: Comments 1-55 resolved. Final disposition: <https://www.ieee802.org/1/files/private/dx-drafts/d1/802-1Qdx-d1-0-dis-v01.pdf>.
18. Johannes Specht, P802.1DU editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/du-drafts/d0/802-1-DU-d0-2.pdf>.
Disposition: Comments 1, 2, 23, 24, 33 - 40, 65, 69, 70, 79, 80 and 86 resolved. Partial disposition: <https://www.ieee802.org/1/files/private/du-drafts/d0/802-1DU-d0-2-pdis-v01.pdf>.

10:00 – 10:30 HST recess

19. The Chair led the discussion of comments and their resolution on the P802.1AXdz PAR <https://www.ieee802.org/1/files/public/docs2023/dz-PAR-1123-v01.pdf> and CSD <https://www.ieee802.org/1/files/public/docs2023/dz-CSD-1123-v01.pdf>.
Disposition: Comments and their resolution: <https://www.ieee802.org/1/files/public/docs2023/dz-PAR-and-CSD-comments-and-resolution-1123-v01.pdf>.
20. Feng Chen, P802.1Qdd editor, presented “Editor’s Update for Draft 0.8” <https://www.ieee802.org/1/files/public/docs2023/dd-chen-D0-8-editors-update-1123-v01.pdf>.
Disposition: Presentation discussed. Further discussion needed.
21. Outgoing liaisons and communication.
Disposition: Outgoing responses finalized as:
 - “Liaison to IETF DetNet WG”
<https://www.ieee802.org/1/files/public/docs2023/liaison-IETF-DetNet-status-update-1123-v01.pdf>.
22. Norman Finn, P802.1Qdv editor, walked through <https://www.ieee802.org/1/files/private/dv-drafts/d0/802-1Qdv-d0-4.pdf>.
Disposition: Draft discussed. Further discussion needed.

12:10 HST recess

Call to order Nov 16, 2023 at 8:00 HST by Craig Gunther, IEEE 802.1 TSN TG Vice-Chair, who presided and wrote the minutes.

23. Meeting introduction and other administrative items. The IEEE 802.1 TSN TG Vice-Chair, Craig Gunther, announced that this meeting remains subject to the Policies mentioned in agenda item 1, then showed slides 4, 5, and 6 of the “MEETING INTRODUCTION” <https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>, and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

24. Approval of agenda. The TSN TG Vice-Chair presented the agenda in https://1.ieee802.org/2023-11-plenary-tsn-agenda/#TSN_8211_P8021DG-2.
Disposition: the agenda was reviewed, discussed, and agreed (informally, none dissenting) as presented.
25. P802.1DG/D2.2 Task Group comment resolution. Max Turner, P802.1DG Editor, presented “P802.1DG-D2.2 Editor’s Report V3”
<https://www.ieee802.org/1/files/public/docs2023/dg-Turner-EditorsReport-1123-v3.pdf> (updated as <https://www.ieee802.org/1/files/public/docs2023/dg-Turner-EditorsReport-1123-v4.pdf> post-session) and led the resolution of comments received on <https://www.ieee802.org/1/files/private/dg-drafts/d2/802-1DG-d2-2.pdf>.
Disposition: All remaining comments 20, 21, 28, 1, 10, 29, 19, 22, 26, 24, 25, 2, 17 in <https://www.ieee802.org/1/files/private/dg-drafts/d2/802-1DG-d2-2-pdis-v2.pdf> resolved. Final disposition (provided post-session): <https://www.ieee802.org/1/files/private/dg-drafts/d2/802-1DG-d2-2-dis-v0.pdf>.

9:35 HST recess

Call to order Nov 16, 2023 at 10:30 HST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

26. The Chair announced that this meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.
27. Silvana Rodrigues, P802.1ASDs editor, walked through <https://www.ieee802.org/1/files/private/asds-drafts/d0/802-1ASds-d0-1.pdf>.
Disposition: Agreed (informally, none dissenting) for the TSN TG Chair to initiate in-session the TG ballot on <https://www.ieee802.org/1/files/private/asds-drafts/d0/802-1ASds-d0-1.pdf> closing Jan 12, 2024.
28. Martin Mittelberger presented “Qdy – Discussion about modeling of RSTP / MSTP YANG” <https://www.ieee802.org/1/files/public/docs2023/dy-mittelberger-rstp-mstp-YANG-1123-v01.pdf>.
Disposition: Presentation discussed. Further discussion needed.

10:45 HST recess

Call to order Nov 17, 2023 at 8:00 HST by János Farkas, IEEE 802.1 TSN TG Chair (Chair), who presided. Johannes Specht, IEEE 802.1 TSN TG Secretary (Secretary), wrote the minutes.

29. The Chair announced that this meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the Secretary.
30. Christophe Mangin presented “CTF-capable (E)ISS”
<https://www.ieee802.org/1/files/public/docs2023/du-mangin-CTF-E-ISS-1123-v01.pdf>.
Disposition: Presentation discussed. Further discussion needed.
31. Johannes Specht, P802.1DU editor, continued the resolution of comments received on <https://www.ieee802.org/1/files/private/du-drafts/d0/802-1-DU-d0-2.pdf>.
Disposition: Comments 8, 67, 68, 72 resolved. Partial disposition: <https://www.ieee802.org/1/files/private/du-drafts/d0/802-1DU-d0-2-pdis-v02.pdf>.

10:06 HST recess

7.1 IEC/IEEE 60802 Joint Project

Between this session and the preceding session, the IEC/IEEE 60802 Joint Project Time Sync ad hoc (Time Sync ad hoc) held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the IEC/IEEE 60802 Joint Project Time Sync Ad Hoc meeting held 2023-10-06 9:00 - 11:00 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;792a487e.23>
- Minutes of the IEC/IEEE 60802 Joint Project Time Sync Ad Hoc meeting held 2023-10-13 9:00 - 11:00 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;42a79186.23>
- Minutes of the IEC/IEEE 60802 Joint Project Time Sync Ad Hoc meeting held 2023-10-20 9:00 - 11:00 ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;b21102ed.23>

See section 1 for attendance and affiliation information.

Call to order Nov 14, 2023 at 13:30 HST by Ludwig Winkel, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided. Dieter Proell, IEC/IEEE 60802 Joint Project Secretary (60802 Secretary), wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0323-v01.pdf>.

The 60802 Chair announced that the meeting is subject to these Policies as read and displayed at the opening Time-Sensitive Networking Task Group meeting.

The 60802 Chair made the Calls for Potentially Essential Patents at the beginning of the session thereby providing 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: there were no responses to this Call prior to the end of the session.

The 60802 Chair explained that the IEC/IEEE 60802 Joint Project also follows the IEC patent and copyright policies, <https://www.iec.ch/news-resources/reference-material#policy>.

The 60802 Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Administrative. Josef Dorr resigned as 60802 Secretary. The 60802 Chair thanked him for his great work.

Disposition: For information.

3. Future meetings. IEC/IEEE 60802 Joint Project Time Sync ad hoc electronic meetings formerly held Fridays will be scheduled as IEC/IEEE 60802 Joint Project electronic meetings for IEC/IEEE 60802 (60802) draft 2.1 WG ballot comment resolution. The 60802 Chair proposed canceling the IEC/IEEE 60802 Joint Project electronic meetings initially scheduled on Nov 24, Dec 22, 25 and 29, 2023 and Jan 1 and 5, 2024.

Disposition: Agreed (informally, none dissenting) to cancel these electronic meetings.

4. Approval of agenda. The 60802 Chair presented the agenda in https://1.ieee802.org/2023-11-plenary-tsn-agenda/#TSN_8211_IECIEEE_60802.

Disposition: The agenda was reviewed, discussed, and updated as recorded by these minutes.

5. 5-year problem in IEC. The 60802 Chair noted that Dual Logo Projects likely get an exemption.

Disposition: For information.

6. Editor's report. Jordon Woods, IEC/IEEE 60802 Joint Project Editor (60802 Editor), presented "Editor's Report 60802 Draft 2.1"
<https://www.ieee802.org/1/files/public/docs2023/60802-woods-D2-1-update-1123-v01.pdf>.

The IEC Committee Draft (CD) document is open for comments, closing Dec 1, 2023. Reference is 65C/1273/CD. Some comments are expected from IEC.

Disposition: For information.

7. 61802 update. David McCall reported on the status at TIACC <https://www.tiacc.net/> and IEC 61802
https://www.iec.ch/dyn/www/f?p=103:38:408120242329634:::FSP_ORG_ID,FSP_APEX_PAGE,FSP_PROJECT_ID:1376,23,104442.

Disposition: For information.

8. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 329, 330, 331, 573, 109, 177, 163, 176, 332, 333, 113, 335, 336, 337, 178, 219 were resolved.

15:30 HST recess

Call to order Nov 15, 2023 at 10:30 HST by Ludwig Winkel, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided. Dieter Proell, IEC/IEEE 60802 Joint Project Secretary (60802 Secretary), wrote the minutes.

9. Meeting introduction and other administrative items. The 60802 Chair announced that the meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

10. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 179, 338, 340, 69, 138, 139, 140, 145, 146, 372, 225 were resolved.

12:30 – 13:30 HST recess

11. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 643, 274, 353, 275, 356, 173, 56, 57, 485, 43, 486, 174, 44, 46, 507, 48, 51, 52, 489, 566, 488, 366, 368, 540, 273, 105 were resolved.

15:30 – 16:00 HST recess

12. Normative Requirements – Error Generation at Relay & End Instances – Monte Carlo Simulation Results. David McCall presented “60802 Time Sync – Mean Link Delay Averaging & Normative Requirements”
<https://www.ieee802.org/1/files/public/docs2023/60802-McCall-Mean-Link-Delay-Averaging-Algorithms-Normative-Requirements-1123-v02.pdf> in support of the 60802/D2.1 WG ballot comment resolution.

Disposition: Presentation discussed.

13. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 592, 641, 640, 211 were resolved.

18:00 HST recess

Call to order Nov 16, 2023 at 10:30 HST by Ludwig Winkel, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided. Dieter Proell, IEC/IEEE 60802 Joint Project Secretary (60802 Secretary), wrote the minutes.

14. Meeting introduction and other administrative items. The 60802 Chair announced that the meeting remains subject to the Policies mentioned in agenda item 1 and asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

15. Friday PM2 meeting. The 60802 Chair proposed to cancel the meeting initially scheduled on Friday Nov 17, 2023 from 16:00 to 18:00 HST based on anticipated attendance.

Disposition: Agreed (informally, none dissenting) to cancel the meeting.

16. Error Generation Normative Requirements & Next Steps. David McCall presented “60802 Time Sync - Error Generation Normative Requirements & Next Steps”
<https://www.ieee802.org/1/files/public/docs2023/60802-McCall-Error-Generation-Normative-Requirements-1123-v01.pdf> in support of the 60802/D2.1 WG ballot comment resolution.

Disposition: Presentation discussed and updated as

<https://www.ieee802.org/1/files/public/docs2023/60802-McCall-Error-Generation-Normative-Requirements-1123-v02.pdf> based on discussion.

17. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 357, 339, 264, 265, 224, 266, 267, 180, 590, 181, 343, 270, 269, 623 were resolved.

12:30 HST recess

Call to order Nov 17, 2023 at 10:30 HST by Ludwig Winkel, IEC 65C/WG18 Convenor and IEC/IEEE 60802 Joint Project Chair (60802 Chair), who presided. Dieter Proell, IEC/IEEE 60802 Joint Project Secretary (60802 Secretary), wrote the minutes.

18. Meeting introduction and other administrative items. The 60802 Chair announced that the meeting remains subject to the Policies mentioned in agenda item 1 and asked

participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

19. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 622, 344, 182, 184, 358, 271, 624, 359, 185, 625, 626, 272, 627, 187, 496, 497 were resolved.

12:00 – 13:00 HST recess

20. 60802/D2.1 WG ballot comment resolution. The 60802 Editor led the resolution of comments received on <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1.pdf>.

Disposition: Partial disposition.

- Ballot comments 576, 87, 477, 116, 478, 117, 334, 504, 503, 480, 481, 502, 501, 482, 118, 572, 120, 121, 354, 355, 614, 75, 95, 226, 521, 161, 159, 156, 618, 593, 158, 297, 639 were resolved.
- The comment dispositions are documented in <https://www.ieee802.org/1/files/private/60802-drafts/d2/60802-d2-1-pdis-v02.pdf>.

21. Review of minutes. The draft minutes were reviewed under the lead of the 60802 Secretary.

15:30 HST adjournment

7.2 IEEE P802.1DP/SAE AS6675 joint project

Between this session and the preceding session, the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group (TG) held electronic meetings on P802.1DP/SAE AS 6675 whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2023-09-27 10:00 – 10:15 ET, <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;68bafd83.24&S=>.
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2023-10-11 10:00 - 12:04 ET, <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;76253829.24&S=>.
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2023-10-18 10:00 – 12:00 ET, <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;1983c867.24&S=>.
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2023-10-25 10:00 – 12:00 ET, <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;c20d9ec0.24&S=>.
- Minutes of the IEEE P802.1DP/SAE AS6675 meeting held 2023-11-08 10:01 - 12:00 ET, <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;fbddb32.24&S=>.

See section 1 for attendance and affiliation information.

Call to order Nov 14, 2023 13:30 HST by János Farkas, IEEE 802.1 TSN TG Chair. Abdul Jabbar and János Farkas, IEEE P802.1DP/SAE AS6675 joint project co-Chairs, presided over agenda items 1 to 4. János Farkas presided over agenda item 5. János Farkas wrote the minutes assisted by Marina Gutiérrez, IEEE P802.1DP/SAE AS6675 Secretary, and Jessy Rouyer, IEEE 802.1 Recording Secretary.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <http://www.ieee802.org/1/files/public/templates/admin-TG-intro-0721-v01.pdf>.

János Farkas, IEEE P802.1DP/SAE AS6675 co-Chair, announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.

János Farkas, IEEE P802.1DP/SAE AS6675 co-Chair, asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

János Farkas, IEEE P802.1DP/SAE AS6675 co-Chair, explained that the IEEE P802.1DP/SAE AS6675 Joint Project also follows the usual SAE IP and copyright <https://www.sae.org/about/legal-policies/intellectual-property> policies.

2. Approval of agenda. János Farkas, IEEE P802.1DP/SAE AS6675 co-Chair, presented the agenda in https://1.ieee802.org/2023-11-plenary-tsn-agenda/#TSN_8211_P8021DPAS6675_8211_P8021Qdx.

Disposition: The agenda was reviewed, discussed and updated as recorded by these minutes.

3. Abdul Jabbar, IEEE P802.1DP/SAE AS6675 editor, presented “IEEE P802.1DP/ SAE AS6675 Editor’s Report | Proposed Comment Resolution for D1.0 TG Ballot Version 7” <https://www.ieee802.org/1/files/public/docs2023/dp-jabbar-d1-0-tg-ballot-editors-report-1123-v07.pdf>.

Disposition: For information.

4. Abdul Jabbar, IEEE P802.1DP/SAE AS6675 editor, led the resolution of comments received on <https://www.ieee802.org/1/files/private/dp-drafts/d1/802-1DP-d1-0.pdf>.

Disposition: Final disposition (provided post-session):

<https://www.ieee802.org/1/files/private/dp-drafts/d1/802-1DP-d1-0-dis-v01.pdf>. Anticipated next: second Task Group ballot.

5. Abdul Jabbar, IEEE P802.1Qdx editor, presented “IEEE P802.1Qdx Editor’s Report Proposed Comment Resolution for D1.0 WG Ballot Version 1” then led the resolution of comments received on <https://www.ieee802.org/1/files/private/dx-drafts/d1/802-1Qdx-d1-0.pdf>.

Disposition: Final disposition: <https://www.ieee802.org/1/files/private/dx-drafts/d1/802-1Qdx-d1-0-dis-v01.pdf>. Anticipated next: first Working Group recirculation ballot.

15:30 HST recess.

8 Nendica

Between this session and the preceding session, the IEEE 802 “Network Enhancements for the Next Decade” Industry Connections Activity (Nendica) held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the Nendica meeting held 2023–09-21 09:00-11:00
ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;2b90b7a.23>
- Minutes of the Nendica meeting held 2023-10-05 09:00-11:00
ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;fd081209.23>
- Minutes of the Nendica meeting held 2023-11-02 09:00-11:00
ET <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7b996de6.23>

See section 1 for attendance and affiliation information.

Call to order Nov 16, 2023 8:02 HST by Roger Marks, Nendica Chair (“Chair”), who presided and wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction and other administrative items. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <https://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0323-v01.pdf>. The Chair showed this presentation advising that the following applies:
 - IEEE SA’s copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
 - Any material submitted during the Nendica meeting, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy.The Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.
2. Approval of agenda. The Chair presented the agenda at <https://1.ieee802.org/802-nendica-agenda-2023-11-16/> and noted the Mentor server document list.
Disposition: The agenda was reviewed and agreed (informally, none dissenting) as presented.
3. Minutes. The Chair reviewed the draft “Minutes of the Nendica meeting held 2023–11-02 09:00-11:00 ET” <https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;7b996de6.23>.
Disposition: Agreed (informally, none dissenting) to approve the minutes.
4. CTF Study Item. No discussion.
5. Vetting and New Topics.
Kehan Yao presented “Reference Delay Based One-way Delay Measurement” https://mentor.ieee.org/802.1/documents?is_year=2023&is_dcn=0036.
 - Discussion ensued.Jai Kumar presented “Congestion Signaling (CSIG)” https://mentor.ieee.org/802.1/documents?is_year=2023&is_dcn=0034.
 - Discussion ensued.Weiqliang Cheng presented “Requirements for AI Fabric” https://mentor.ieee.org/802.1/documents?is_year=2023&is_dcn=0031.
 - Discussion ensued.Konstantinos Alexandris presented “Effective Performance Management in TSN” https://mentor.ieee.org/802.1/documents?is_year=2023&is_dcn=0029.
 - Discussion ensued.**Disposition:** Follow-up contributions are anticipated at upcoming intersession Nendica electronic meetings.
6. Future Meetings. Agreed (informally, none dissenting) to seek renewal of 802.1 WG authorization to meet on alternate Thursdays 09:00-11:00 ET, with additional meetings as announced at least 10 days in advance. Biweekly Nendica electronic meetings were scheduled to resume on Nov 30, 2023.
7. Other Business. A draft report entitled “Nendica Session Review, Nov 2023” (Rev. 0) was reviewed, revised, and agreed (informally, none dissenting) as https://mentor.ieee.org/802.1/documents?is_dcn=0032&is_year=2023. The revised report was posted as Rev. 1.

9:51 HST adjournment

9 YANGsters

Between this session and the preceding session, YANGsters held electronic meetings whose minutes are incorporated to these session minutes by reference as follows:

- Minutes of the YANGsters meeting held 2023-09-26 10:00 –10:45 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;5d2eb25d.24&S=>
- Minutes of the YANGsters meeting held 2023-10-10 10:00 –10:50 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;10d81064.24&S=>
- Minutes of the YANGsters meeting held 2023-10-24 10:00 –10:32 ET (revised)
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;d1c8ecf6.24&S=>
- Minutes of the YANGsters meeting held 2023-11-07 10:00 –11:06 ET
<https://listserv.ieee.org/cgi-bin/wa?A2=STDS-802-1-MINUTES;a12959b0.24&S=>

See section 1 for attendance and affiliation information.

Call to order Nov 14, 2023, at 16:01 HST by Stephan Kehrer, YANGsters Vice-Chair, acting locally for remote Scott Mansfield, YANGsters Chair, who presided. Stephan Kehrer, YANGsters Secretary, wrote the minutes.

Agenda items and dispositions:

1. Meeting introduction. The IEEE SA slides on IEEE Patent Policy and IEEE SA Copyright and Participation Policies were provided beforehand as part of “MEETING INTRODUCTION” <https://www.ieee802.org/1/files/private/templates/admin-prePAR-intro-0323-v01.pptx>.

The YANGsters Chair announced that the meeting is subject to these Policies as read and displayed at the opening plenary meeting.

The YANGsters Chair asked participants to record their attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker.

2. Approval of agenda. The YANGsters Chair presented the agenda in <https://1.ieee802.org/november-2023-plenary-session-honolulu-hi-usa-yangsters/>.

Disposition: The agenda was reviewed, discussed, and updated as recorded by these minutes.

3. Introduction to YANGsters. The YANGsters Chair presented the “Introduction” slide of “YANGsters” <https://www.ieee802.org/1/files/public/docs2023/yangsters-smansfield-honolulu-status-1123-v01.pdf> to introduce the following:

- <https://1.ieee802.org/yangsters/>, and
- <https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/>.

Disposition: For information.

4. Status of YANG Projects. The YANGsters Chair presented the “YANG Status” slides of the presentation in agenda item 3.

- It is planned to request during the 802.1 closing plenary meeting a new series of intersession YANGsters electronic meetings to be held every other week, starting Tuesday, Dec 5, 2023.

Disposition: For information.

5. Blog Post on YANG. The YANGsters Chair led discussion on the topic.

- A blog post on YANG has been suggested.
- It is expected that such blog post will be ready for March 2024.

Disposition: For information.

6. Recap of YANGsters meetings since New York Interim Meeting: BBF Liaison Discussion. The YANGsters Chair provided an overview of the topic, presented “Liaison response to BBF liaison on New Project for Addressing ONU Management at Scale” <https://www.ieee802.org/1/files/public/docs2023/liaison-BBF-ONUManagementYANG-0723-v02.pdf> and led the discussion.
- During the YANGsters meeting on Nov 7, 2023, a discussion on this BBF Liaison followed Robert Peschi’s presentation of “Achieving Scalable YANG Modules in PON Access” <https://www.ieee802.org/1/files/public/docs2023/yangsters-boyd-scalable-yang-1123-v01.pdf>.
 - This presentation outlines three different approaches on how the goals of the BBF can be achieved.
 - The approaches described in the presentation were discussed in YANGsters.
 - Concern was voiced during the discussion that the approaches outlined are still duplicating the content of the YANG modules rather than just complementing it.
 - It was suggested that a presentation in a YANGsters electronic meeting would be helpful in clarifying the specifics of what BBF needs.
 - It would be helpful to have the participation of the IETF YANG doctors during such a meeting to discuss any options provided by YANG that may address these needs.

Disposition: More discussion needed.

7. Recap of YANGsters meetings since New York Interim Meeting: Constrained YANG Discussion/Update. The YANGsters Chair presented “Schema Identifier (SID) Considerations for YANGsters” <https://www.ieee802.org/1/files/public/docs2023/yangsters-smansfield-sid-yang-1123-v01.pdf> and led the discussion.
- A short overview of the Schema Identifier (SID) and the Concise Binary Object Representation (CBOR) was provided.
 - To retain control over the assignment of SIDs to IEEE YANG for constrained environments, it needs to be discussed if a “mega-range” for the IEEE should be requested for use by IEEE YANG modules used in constrained environments.
 - The registry from which the “mega-range” needs to be requested is the “YANG SID Mega-Range” IANA Registry.

Disposition: More discussion needed.

8. IEEE 802.3 YANG Update. The YANGsters Chair provided the update.
- P802.3.2 draft 0.5 completed with 5 comments.
 - It is planned to discuss draft 1.0 during this plenary session on Thursday, Nov 16, 2024 14:00 – 17:00 HST.
 - Related files can be found at <https://www.ieee802.org/3/2/a/comments/index.html>
 - An overview over the current status can be found at https://www.ieee802.org/3/minutes/nov23/802d3_task_force_802.3.1_802.3.2_opening.pdf

Disposition: For information

9. Request for Next Calls. It is planned to request during the 802.1 closing plenary meeting a new series of intersession YANGsters electronic meetings to be held every other week, starting Tuesday, Dec 5, 2023.
10. Any Other Business.
- Use of Floating Point in YANG.
 - Don Fedyk provided a brief overview of the topic.
 - The topic is planned to be discussed in an upcoming YANGsters meeting.

17:55 HST adjournment

10 Closing Plenary Meeting

Call to order Nov 16, 2023 at 13:30 HST by the Chair who presided. The Recording Secretary wrote the minutes.

See section 1 for attendance and affiliation information.

The Chair presented “Closing Plenary July 2023” finalized as <https://www.ieee802.org/1/files/public/minutes/2023-11-closing-plenary-slides.pdf>.

During this presentation, the Chair:

- Introduced the agenda on slide 2 that was tacitly approved.
- Reminded all participants that access to this session requires a registration fee (slide 3).
- Reviewed mixed mode guidelines (slide 4), audio guidelines for in-person attendees (slide 5), electronic meeting guidelines supporting mixed mode (slide 6), meeting decorum, including the policies on public reporting, and on photography or recording (slide 7), and called for any members of the press (i.e., anyone reporting publicly on this meeting) who have not already announced themselves to announce their presence.
 - There were no responses to the call.
- Asked participants to record attendance in IMAT and, if they are unable to do so, to promptly provide their affiliation to the minute taker (slide 8).
- Reminded participants of their obligation to declare affiliation(s) which includes employer(s) (slide 9).
- Announced that this closing plenary meeting remains subject to the IEEE SA Copyright Policies (slides 10 to 12), IEEE Patent Policy (slides 13 to 17) and IEEE SA Participation policies (slides 18 to 20) made available beforehand (as announced in the opening plenary meeting – see section 3) and made the “Call for Potentially Essential Patents”, i.e. 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.
 - There were no responses to the call.
- Reminded participants of the various plenary session registration fees applying and attendant registration details (slide 21).
- Provided general information regarding meeting contributions, minutes, schedule for all Working Groups, website (slide 22).
- Showed 802.1 officers and leadership (slide 23) and recognized the editors of current projects (slide 24).
- Recognized IEEE SA Staff supporting IEEE 802.1 (slide 25) now and going forward, thanking Ron Hotchkiss for his service to the WG.
- Reminded participants and 802.1 voting members of obligations regarding 802.1 voting membership and how voting membership may be requested and retained (slide 26).
- Reminded 802.1 voting members of their obligations regarding responding to WG letter ballot series (WG ballots + ePolls) as well as regarding the consequences of not responding to WG letter ballot series (slide 27).
- Reviewed the list of 802.1 voting members (slide 28), including information about individuals who gained (slide 29), may gain (slide 30), will lose (slide 31), or could lose (slide 32) 802.1 voting membership.

- Reminded individual participants of 802.11 reciprocal credit, which was continued at this session (slide 33).
- Asked the 802.1 Executive Secretary to summarize information about upcoming sessions, starting with the Jan 2024 (slide 34), May 2024 (slide 35), Sep 2024 (slide 36) and May 2025 (slides 37 and 38) interim sessions, and continuing with the schedule for future interim (slide 39) and plenary (slide 40) sessions, which remained unchanged from the opening plenary meeting except for the following, regarding interim sessions:
 - September 2024
 - The possible option to co-locate with the 802 wireless group was deleted based on the outcome of the related straw poll in the opening plenary meeting.
 - May 2025
 - Offer to host by Mitsubishi Electric R&D Centre Europe as in-person session with provisions to support mixed mode
 - Date: May 19-23, 2025
 - Location: Rennes, France
 - Offer to co-locate with the 802 wireless group as in-person session with provisions to support mixed mode (tbc)
 - Date: May 11-16, 2025
 - Location: Prague, Czech Republic
- Conducted the following straw polls regarding future interim sessions (slide 41):
 - 1. Would you like to come back to this venue?
 - Yes 19
 - No 14
 - Did not respond 14
 - 2. Did you go to the social?
 - Yes 27
 - No 5
 - Did not respond 16
 - 3. Did you like the social?
 - Yes 12
 - No 19
 - Did not respond 18
 - 4. Would you prefer lunch to be provided at plenaries (which may increase the meeting fee)?
 - Yes 29
 - No 13
 - Did not respond 7
- Provided the anticipation of next actions with respect to projects in the WG's current workload (slide 42).
- Showed the schedule of 802.1 meetings at this plenary session (slide 43) and the list of upcoming 802.1 leadership meetings (slide 44).
- Requested that the subgroup Chairs provide reports on the activities of their subgroups during this plenary session (slide 45) (see individual subgroup minutes above for details):
 - The Maintenance TG Chair presented the report on slides 46-47.
 - The Security TG Chair presented the report on slide 48.
 - The IEC/IEEE 60802 Joint Project Chair, the TSN TG Vice-Chair, and the TSN TG Chair presented the report on slide 49.
 - The Nendica Chair presented the report on slides 50 and 51.
 - The YANGsters Chair presented the report on slides 52-54.
- Summarized the various types of IEEE Awards encouraging nominations (slide 55).

- Summarized liaison resources (slide 56), and reviewed the WG’s liaison relationship (slide 57).
 - Bilateral document sharing seen as a potential benefit of a liaison relationship.
 - Agreed (informally, none dissenting) to not establish a liaison relationship with ITU-T SG15 at the moment.
- Had the Liaison Secretary summarize the set of new and previously-received (slide 58) incoming liaisons, and lead the final review of draft outgoing liaison statements (slide 59):
- Discussed promotion of the work of the WG (slide 60).
- Pointed out the 802.1 (slide 61), other 802 PARs and CSDs (and attendant 802.1 comments, slide 62) that are up for approval during this IEEE 802 plenary session
- Provided guidance on using DirectVoteLive to vote on motions (slide 63).
- Following 15:25 – 15:55 HST recess, showed the 802.1 consent agenda items for the LMSC closing plenary meeting (slides 64-67).
- Conducted votes on the following motions (slides 68-112) that all passed unless indicated otherwise. (Supporting information is available in “Closing Plenary november 2023” finalized as <https://www.ieee802.org/1/files/public/minutes/2023-11-closing-plenary-slides.pdf>.)

**Motions for 802 EC
Consent Agenda
Drafts to SA Ballot**

- Motion
 - Approve sending P802.1Qdj D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1Qdj in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0139-00-ACSD-p802-1qdj.pdf>
 - P802.Qdj D1.3 had 100% approval at the end of the last WG ballot
 - In the WG, Proposed: Stephan Kehrer, Second: János Farkas
 - Sending draft (y/n/a): 34, 0, 1
 - CSD (y/n/a): 34, 0, 1
- Motion
 - Approve sending P802.1ASdn D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1ASdn in <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0202-00-ACSD-p802-1asdn.pdf>
 - P802.ASdn D1.2 had 98% approval at the end of the last WG ballot
 - In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - Sending draft (y/n/a): 34, 0, 2
 - CSD (y/n/a): 34, 0, 1
- Motion
 - Conditionally approve sending P802.1ASdm D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1ASdm in <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0093-01-ACSD-p802-1asdm.pdf>
 - P802.ASdm D1.3 had 94% approval at the end of the last WG ballot
 - In the WG, Proposed: Geoffrey Garner, Second: János Farkas
 - Sending draft (y/n/a): 35, 3, 3
 - CSD (y/n/a): 36, 2, 3

- Motion
 - Conditionally approve sending P802.1Qdx D2.0 to Standards Association ballot
 - Confirm the CSD for P802.1Qdx in <https://mentor.ieee.org/802-ec/dcn/23/ec-23-0075-00-ACSD-p802-1qdx.pdf>
 - P802.Qdx D1.0 had 81% approval at the end of the last WG ballot
 - In the WG, Proposed: János Farkas, Second: Abdul Jabbar
 - Sending draft (y/n/a): 30, 2, 8
 - CSD (y/n/a): 30, 1, 9

**Motions for 802 EC
Consent Agenda
Drafts to RevCom**

- Motion
 - Approve sending P802.1ASdr to RevCom
 - Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0097-00-ACSD-p802-1asdr.pdf>
 - P802.1ASdr had 97% approval at the end of the last SA ballot
 - In the WG, Proposed: Mark Hantel, Second: Silvana Rodrigues
 - Sending draft (y/n/a): 37, 1, 2
 - CSD (y/n/a): 37, 1, 0
- Motion
 - Conditionally approve sending P802.1CS-2020/Cor1 to RevCom
 - Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - P802.1CS-2020/Cor1 had 100% approval at the end of the last SA ballot
 - In the WG, Proposed: Mark Hantel, Second: Norm Finn
 - Sending draft (y/n/a): 38, 0, 2

**Motions for 802 EC
Consent Agenda
PARs to NesCom**

- Motion
 - Approve forwarding P802.1ACea PAR documentation in <https://www.ieee802.org/1/files/public/docs2023/ea-PAR-1123-v01.pdf> to NesCom
 - Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2023/ea-CSD-1123-v01.pdf>
 - In the WG, Proposed: Mark Hantel, Second: Jessy Rouyer
 - Sending draft (y/n/a): 33, 1, 6
 - CSD (y/n/a): 33, 0, 7
- Motion
 - Approve forwarding P802.1CB-2017/Cor1 PAR documentation in <https://www.ieee802.org/1/files/public/docs2023/cb-cor1-PAR-1123-v01.pdf> to NesCom
 - Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
 - In the WG, Proposed: Mark Hantel, Second: Norm Finn
 - Sending draft (y/n/a): 36, 1, 3

- Motion
 - Approve forwarding P802.1AXdz PAR documentation in <https://www.ieee802.org/1/files/public/docs2023/dz-PAR-1123-v01.pdf> to NesCom
 - Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2023/dz-CSD-1123-v01.pdf>
 - In the WG, Proposed: Stephen Haddock, Second: János Farkas
 - PAR (y/n/a): 34, 1, 5
 - CSD (y/n/a): 35, 0, 6

**Motions for 802 EC
Consent Agenda
Liaisons and external communications (ME)**

- Motion
 - Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement, once SA balloting begins.
 - IEEE P802.1Qdj, IEEE P802.1Qdx, IEEE P802.1ASdm, IEEE P802-REVc
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending draft (y/n/a): 37, 0, 3
- Motion
 - Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement, once approved and published.
 - IEEE 802.1ASdr, IEEE 802.1CS-2020/Cor1
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending draft (y/n/a): 36, 0, 4
- Motion
 - Approve submission of the following comment responses to ISO/IEC JTC1/SC6 for information under the PSDO agreement:
 - IEEE 802.1Qcz-2023
 - <https://www.ieee802.org/1/files/public/docs2023/liaison-randall-SC6CommentResponseQcz-1123.pdf>
 - IEEE 802.1AEdk-2023
 - <https://www.ieee802.org/1/files/public/docs2023/liaison-randall-SC6CommentResponseAEdk-1123.pdf>
 - In the WG, Proposed: Mark Hantel Second: Karen Randall
 - Sending draft (y/n/a): 34, 0, 5

**Motions for 802 EC
Consent Agenda
Liaisons and external communications (II)**

- Motion
 - Approve <https://www.ieee802.org/1/files/public/docs2023/liaison-IETF-DetNet-status-update-1123-v01.pdf> as communication to the IETF Deterministic Networking (DetNet) WG, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - Proposed: János Farkas
 - Second: Norm Finn
 - In the WG (y/n/a): 37, 0, 3

Administrative WG Motions

- Motion
 - 802.1 approves:
 - Revised March 2023 (plenary) and May 2023 (interim) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2023-03-minutes-v2.pdf>
 - <https://www.ieee802.org/1/files/public/minutes/2023-05-minutes-v2.pdf>
 - July 2023 (plenary) and September 2023 (interim) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2023-07-minutes.pdf>
 - <https://www.ieee802.org/1/files/public/minutes/2023-09-minutes.pdf>
 - Proposed: Jessy Rouyer
 - Seconded: Johannes Specht
 - Approved by acclamation
- Meetings motion
 - 802.1 authorizes the noted subgroups to hold the meetings in the following future meetings table with announcement requirement, agenda and access information as indicated
 - Proposed: Jessy Rouyer
 - Seconded: János Farkas
 - Passed by acclamation

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date announcements (days prior)	Agenda	Agenda	Access Information
YANGsters	per agenda	Tue 2023-12-05	10:00 - 11:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	https://1.ieee802.org/yangsters/yangsters-call-information/
YANGsters	per agenda	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/yangsters/yangsters-call-information/
Maintenance TG	address TG matters and progress resolution of maintenance items in https://1.ieee802.org/maintenance/database/	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/category/maintenance-tg-agenda/
Maintenance TG	progress P802-REVC	as announced			10 days	10 days	802.1 Minutes email list 802 Architecture list	https://1.ieee802.org/category/maintenance-tg-agenda/
Security TG	P802.1Qdt and TG matters arising	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/security/security-task-group-agenda/
TSN TG	per agenda	Mon 2024-03-11	8:00 - 10:00	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	progress IEC/IEEE 60802 Joint Project and other TSN TG work	Fri 2024-03-15	8:00 - 17:00	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	per agenda	Mon 2023-11-27	11:00 - 13:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress TG projects and TG matters arising	as announced			10 days	10 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress IEC/IEEE 60802 Joint Project work with IEC 65C/WG18	Mon 2023-11-20	9:00 - 11:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress IEC/IEEE 60802 Joint Project work with IEC 65C/WG18	Fri 2023-11-24	9:00 - 11:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress P802.1DG	Tue 2023-11-28	9:00 - 11:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
TSN TG	progress P802.1DP / SAE AS6675 Joint Project work with SAE AS6675	Wed 2023-11-22	10:00 - 12:00 ET	weekly	motion	5 days	802.1 Minutes email list	http://www.ieee802.org/1/tsn
Nendica	per agenda	Thu 2023-11-30	9:00 - 11:00 ET	every two weeks	motion	5 days	802.1 Minutes email list	https://1.ieee802.org/802-nendica/
Nendica	per agenda	as announced			10 days	10 days	802.1 Minutes email list	https://1.ieee802.org/802-nendica/

- Motion
 - 802.1 approves to hold an 802.1 interim session September 16-20, 2024, in Hamburg, Germany hosted by Airbus Operations GmbH as in-person session with provisions to support mixed mode.
 - Proposal in <https://www.ieee802.org/1/files/public/docs2023/admin-lambers-Sept24-interim-proposal-1123-v02.pdf>
 - Proposed: Stephan Kehrer Seconded: János Farkas
 - Yes: 35 No: 2 Abstain: 4

**Nendica
WG Motions**

**YANGsters
WG Motions**

**Maintenance TG
WG Motions**

- Motion
 - Approve <https://www.ieee802.org/1/files/public/docs2023/liaison-IETF-madinas-1123.pdf> as communication to IETF MAC Address Device Identification for Network and Application Services (MADINAS) WG on Randomized and Changing MAC Address, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - In the WG, Proposed: Mick Seaman
Second: Karen Randall
 - Sending draft (y/n/a): 33, 0, 5

**Security TG
WG Motions**

**TSN TG
WG Motions**

- Motion
 - 802.1 conditionally authorizes Stephen Haddock, the Editor of P802.1AXdz Standard for Local and Metropolitan Area Networks: Link Aggregation – Amendment: YANG for Link Aggregation to prepare drafts for and conduct Task Group balloting after SASB approval of the PAR.
 - Proposed: János Farkas
 - Second: Jessy Rouyer
 - In the WG (y/n/a): 35, 1, 4
- Motion
 - 802.1 authorizes the TSN TG to generate PAR and CSD at the January 2024 interim session for pre-circulation to the EC for an amendment to IEEE 802.1AS to relax the requirement to use Announce messages in use cases identified in TSN profile specifications that refer to IEEE 802.1AS.
 - Proposed: Don Pannell
 - Second: Jordon Woods
 - In the WG (y/n/a): 33, 3, 6

- Called for Any Other Business (slide 113).
 - Motion
 - 802.1 approves to hold an 802.1 interim session May 19-23, 2025 in Rennes, France hosted by Mitsubishi Electric R&D Centre Europe as in-person session.
 - Proposed: János Farkas
 - Second: Stephan Kehrer
 - In the WG (y/n/a): 31, 7, 3
 - No other business was discussed in this meeting.

17:09 HST adjournment

11 Next Session

Jan 22-26, 2024 mixed mode interim session in Heidelberg, Germany.