IEEE 802.1

Closing Plenary
July 2025

Glenn Parsons – IEEE 802.1 WG Chair

glenn.parsons@ericsson.com

802.1 plenary agenda

Monday, July 28th opening

- Copyright Policy
- Call for Patents
- Participant behavior
- Administrative
- Membership status
- Future Sessions
- 802 EC report
- Incoming Liaisons
- Promotion
- Awards
- Sanity check – current projects
- TG agendas
- Any other business

Thursday, July 31st closing

- Copyright Policy
- Call for Patents
- Participant behavior
- Membership status
- Future Sessions
- Sanity check – current projects
- TG reports
- Outgoing Liaisons
- Motions for EC
- Motions for 802.1
- Any other business

REGISTRATION FEE

Access to this session* requires a registration fee.

Please check the session announcement for details before attending.

* IEEE 802.1 holds 3 plenary sessions and 3 interim sessions a year.
No registration fee is required for IEEE 802.1 electronic meetings held between these sessions.

JULY 2025 MIXED MODE SESSION

Meeting is to be run as an in-person meeting.

- Local time zone schedule for meetings
- Local participants attend as an in-person meeting
- Remote access is provided to remote participants to view/present/interact similarly to on-line meetings (best effort)

Please wear your badge when in the meeting areas of the hotel

- This will help the staff to improve the general security of the meeting rooms
- PCs HAVE BEEN STOLEN at previous meetings – DO NOT assume that meeting areas are secure

MIXED MODE GUIDELINES

All meetings are supported by an in-person mixed mode facilitator

- Project in the meeting room
- Appears as “Meeting Room”
- Broadcast meeting room audio
- Mute or remove noisy lines
- Monitor the conferencing queue

The chair runs the meeting

- Responsible for recognizing people in two queues
  - In person at the mic
  - On web conferencing (assisted by facilitator)

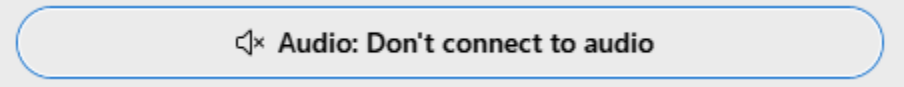
All presenters present via web conferencing

If you are in-person, you <u>may</u> join web conferencing to

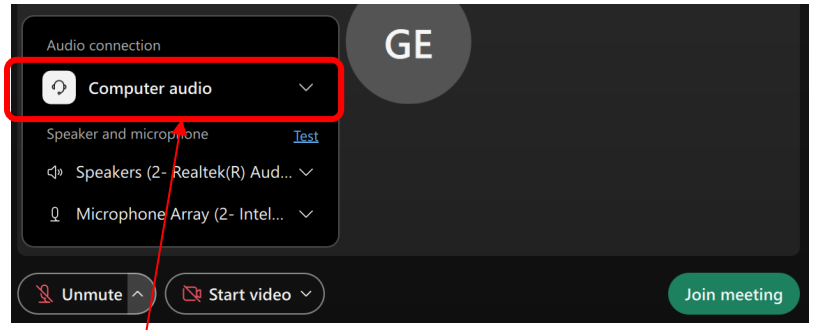
- Present
- See the screen
- Chat (***not*** *part of the meeting*)

If you are in-person and <u>join</u> web conferencing

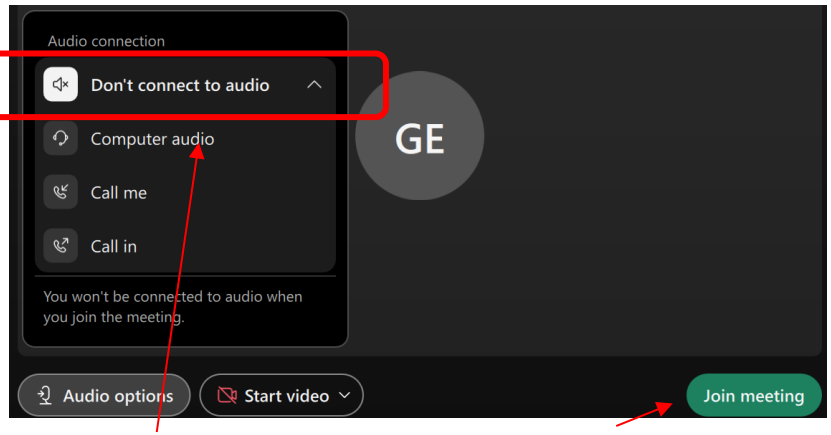
- **DO NOT connect to the audio**
- After you **accept** the IEEE SA terms
- Before you **click join meeting**



YET TO JOIN



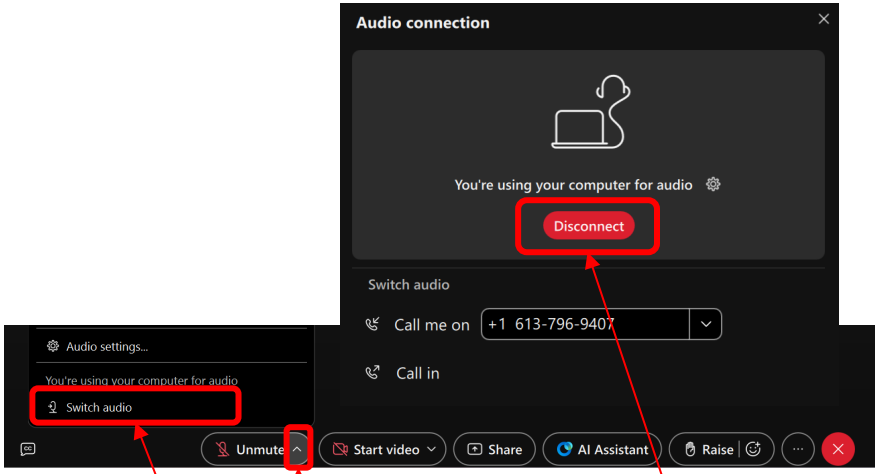
Click: ^ Select: “**Computer Audio**”



Choose:
“**Don’t Connect to Audio**”

Once completed:
join meeting

ALREADY JOINED



Click on: ^
Select: “**Switch audio**”
Select “**Disconnect**”

WEB CONFERENCING GUIDELINES

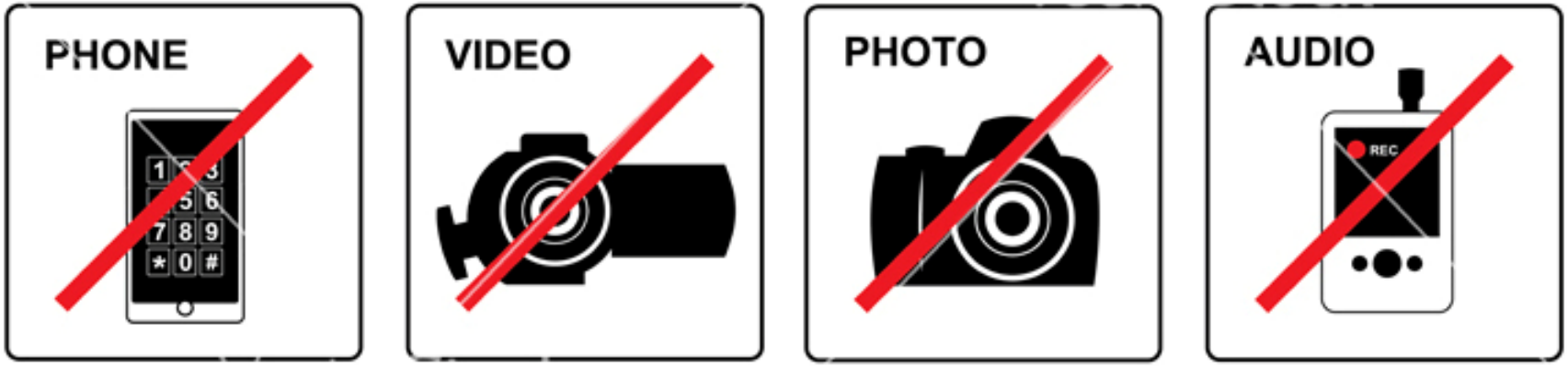
- **Please mute yourself when you are not speaking**

- **Please put yourself into the queue “at the mic” via the chat, e.g.: “+q” / “-q”**

- **Please provide your information**
  - **First and last names**
  - **Affiliation**, after your last name, e.g., in square brackets

(Ideally upon joining as a guest. Alternatively, right click your name to edit it in the participants list; if unsuccessful, try signing out and rejoining as a guest.)

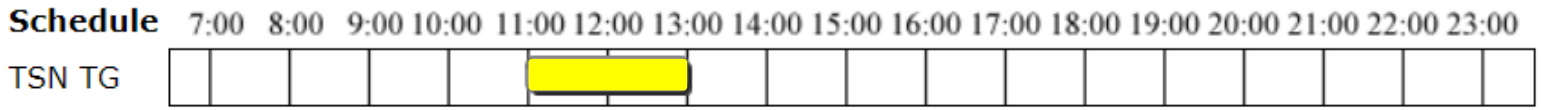
DECORUM



- **Press (i.e., anyone reporting publicly on this meeting) are to announce their presence** *(5.3.3.3 of SASB Operations Manual)*
- **Video/Audio recording by participants is prohibited** *(5.3.3.2 of SASB Operations Manual)*
- **Photography by permission only** *(5.3.3.2 of SASB Ops Manual)*
- **Cell phone ringers off please**

ATTENDANCE

- **Please record your attendance in IMAT at https://imat.ieee.org**
  - This requires a free IEEE Account.
  - Please create one **only** if you do not already have one.



  - For an active meeting denoted by a yellow bar, click on the bar: it changes to a green bar once your attendance has been recorded.

- **The data from IMAT is used as the meeting participant list.**
  - Please **promptly** provide your affiliation to the minute taker if you are unable to record your attendance in IMAT.

Logistics Orientation

- For new attendees:
  - https://1.ieee802.org/orientation/

- DVL
  - Training
  - Practice the web-based voting tool
    - Access via the "Cast your vote" link on the 802.1 plenary session page
    - Based on your IEEE logon email account

- Straw polls and closing plenary motions

IEEE SA
STANDARDS ASSOCIATION

MEETING POLICIES

- IEEE SA Patent Policy
- IEEE SA Copyright Policy
- Participant Behavior

IEEE

INSTRUCTIONS FOR THE WG CHAIR

The IEEE SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides 1 through 4 of this presentation**
- **Advise the WG attendees that:**
  - 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.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG Chair review the guidance in *IEEE SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE SA Standards Board.

PARTICIPANTS HAVE A DUTY TO INFORM THE IEEE

- **Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents**

- **Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims**

Early identification of holders of potential Essential Patent Claims is encouraged

WAYS TO INFORM IEEE

- **Cause an LOA to be submitted to the IEEE SA (patcom@ieee.org); or**
- **Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or**
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

OTHER GUIDELINES FOR IEEE WORKING GROUP 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. Formally object to the discussion immediately.**

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

PATENT-RELATED INFORMATION

The patent policy and the procedures used to execute that policy are documented in the:

- ***IEEE SA Standards Board Bylaws***
  (http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6)
- ***IEEE SA Standards Board Operations Manual***
  (http://standards.ieee.org/develop/policies/opman/sect6.html#6.3)

Material about the patent policy is available at *http://standards.ieee.org/about/sasb/patcom/materials.html*

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

INSTRUCTIONS FOR CHAIRS OF STANDARDS DEVELOPMENT ACTIVITIES

At the beginning of each standards development meeting the chair or a designee is to:

- Show the following slides (or provide them beforehand)
- Advise the standards development group participants that:
- 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;
- Instruct the Secretary to record in the minutes of the relevant meeting:
- That the foregoing information was provided and that the copyright slides were shown (or provided beforehand).
- Ask participants to register attendance in IMAT: https://imat.ieee.org

IEEE SA COPYRIGHT POLICY

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

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

IEEE SA COPYRIGHT POLICY

- The IEEE SA Copyright Policy is described in the IEEE SA Standards Board Bylaws and IEEE SA Standards Board Operations Manual
  - IEEE SA Copyright Policy, see
    Clause 7 of the IEEE SA Standards Board Bylaws
    https://standards.ieee.org/about/policies/bylaws/sect6-7.html#7
    Clause 6.1 of the IEEE SA Standards Board Operations Manual
    https://standards.ieee.org/about/policies/opman/sect6.html
- IEEE SA Copyright Permission
  - https://standards.ieee.org/content/dam/ieee-standards/standards/web/documents/other/permissionltrs.zip
- IEEE SA Copyright FAQs
  - http://standards.ieee.org/faqs/copyrights.html/
- IEEE SA Best Practices for IEEE Standards Development
  - http://standards.ieee.org/develop/policies/best_practices_for_ieee_standards_development_051215.pdf
- Distribution of Draft Standards (see 6.1.3 of the SASB Operations Manual)
  - https://standards.ieee.org/about/policies/opman/sect6.html

PARTICIPANT BEHAVIOR IN IEEE-SA ACTIVITIES IS GUIDED BY THE IEEE CODES OF ETHICS & CONDUCT

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

- IEEE Code of Ethics
- IEEE Code of Conduct

The core principles of the IEEE Codes of Ethics & Conduct are to:

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

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

PARTICIPANTS IN THE IEEE-SA "INDIVIDUAL PROCESS" SHALL ACT INDEPENDENTLY OF OTHERS, INCLUDING EMPLOYERS

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

This means participants:

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

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

IEEE-SA STANDARDS ACTIVITIES SHALL ALLOW THE FAIR & EQUITABLE CONSIDERATION OF ALL VIEWPOINTS

The IEEE-SA Standards Board Bylaws (clause 5.2.1.3) specifies that "*the standards development process shall not be dominated by any single interest category, individual, or organization*"

- This means no participant may exercise *"authority, leadership, or influence by reason of superior leverage, strength, or representation to the exclusion of fair and equitable consideration of other viewpoints"* or *"to hinder the progress of the standards development activity"*

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

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

Subgroup announcements

- Subgroup Chairs (or designees) please note during this plenary session:
  - At the start of the first TG meeting, announce that the meeting is subject to the policies in "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-TG-intro-0324-v01.pdf made available beforehand (as announced in the opening plenary meeting); and
    - Make the Call for Potentially Essential Patents and minute any responses to it.
  - At the start of the first pre-PAR subgroup meeting, announce that the meeting is subject to the policies in "MEETING INTRODUCTION" https://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0324-v01.pdf made available beforehand (as announced in the opening plenary meeting).
  - After any recess, announce that the meeting remains subject to the policies as read and displayed in the opening plenary meeting.
  - At meeting start & 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.
  - Direct participants to the IEEE SA website for additional details on the
    - IEEE Patent Policy (https://standards.ieee.org/content/ieee-standards/en/about/sasb/patcom/index.html); and
    - IEEE SA Copyright Policy (https://standards.ieee.org/ipr/index.html)

Plenary Registration Fee

- Attendance at any meeting held during or as part of the July 2025 Plenary Session requires paying the appropriate fee
  - Early Registration Fee
    - $US 600.00 Until May 30, 2025
  - Standard Registration Fee
    - $US 800.00 After May 30, 2025 Until June 27, 2025
  - Late/Onsite Registration Fee
    - $US 1000.00 After June 27, 2025
  - Social Tickets for In-Person Attendees
    - Complimentary
  - Registration details - http://802world.org/plenary/

Fee waivers

- Fee waivers may be granted in advance, exceptionally
  - By WG chair for remote participation of a meeting
  - By LMSC for in-person participation or multiple meetings

  - WG
    - Frank van der Putten - discussion of corrigendum PAR proposal in Maintenance TG and at closing plenary
    - Jordon Woods - editor of IEC/IEEE 60802, for 60802 meeting and report to the 802.1 plenary
    - Guenter Steindl - presentation for 60802 meeting
    - Lily Chen, Meltem Somez Turan, Noah Waller, and Kerry McKay - invited experts from NIST to support pre-PAR discussion on adding Ascon ciphersuite to MACsec
    - Paul Congdon - Nendica and UEC liaison discussions in TSN and closing plenary
    - Marco Hernandez- editor P802.1ACea, for maintenance TG and .1/.15 joint meeting
    - Friedrich Weimer for automotive topic in Security TG

General Information

- Meeting contributions
  - http://ieee802.org/1/filenaming.html
  - Please upload 24 hours BEFORE presentation
- Minutes
  - https://1.ieee802.org/category/wg-minutes/
  - https://listserv.ieee.org/cgi-bin/wa?A1=ind21&L=STDS-802-1-MINUTES&O=A&H=0&D=0&T=1 (sorted by chair/secretary)
- Schedule for all WGs
  - All 802.1 - https://1.ieee802.org/wg-calendar/
  - All 802 - http://www.ieee802.org/802tele_calendar.html
- Website
  - http://ieee802.org/1/

Officers and Leadership

- Chair: Glenn Parsons
- Vice-Chair & 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: David McCall
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Dieter Pröll
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Nader Zein
- NENDICA Chair: Roger Marks
  - NENDICA vice-chair: Johannes Specht
- 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

Editors – current projects

- 802.1Q editor – Mick Seaman
  - P802.1Qdq – Hiroki Nakano
  - P802.1Qdt – Lily Lyu
  - P802.1Qdv – Norman Finn
  - P802.1Qdw - vacant
- P802-REVc – James Gilb
- 802.1X editor - Mick Seaman
- 802.1AC editor – Jessy Rouyer
  - P802.1ACea – Marco Hernandez
- 802.1AE editor - Mick Seaman
- 802.1AR editor - Mick Seaman
- 802.1AS editor – Silvana Rodrigues
  - P802.1ASds – Silvana Rodrigues
  - P802.1ASeb – David McCall
  - P802.1ASed – Abdul Jabbar
- 802.1AB editor – Paul Bottorff
- 802.1AX editor – Steve Haddock
  - P802.1AXdz - Steve Haddock
- 802.1CB editor - Christophe Mangin
  - P802.1CB-2017/Cor1 - Christophe Mangin
  - P802.1CBec – Lisa Maile
- P802.1DD – Martin Mittelberger
- P802.1DG – Max Turner
- P802.1DP / SAE AS6675 – Abdul Jabbar
- P802.1DU – Johannes Specht
- IEC/IEEE 60802 – Jordon Woods

28

Voting Membership

- Voting membership in 802.1 is a privilege that holds a responsibility to review drafts and vote on WG ballots (including ePolls)
- You must actively request to become a voting member and take on this responsibility
  - Email WG Chair and Recording Secretary
- Ongoing retention of 802.1 voting rights is predicated on active participation
  - Attendance and Working Group ballots (including ePolls)

Responding to WG ballots

- To retain your voting membership, you must return 2 out of the last 3 WG ballot series (including ePolls).
- When you return your vote on a TG/WG ballot:
  - Do use the correct email list (STDS-802-1-ballot@listserv.ieee.org) and subject line, as specified in the email instructions (viewable on the main 802.1 Email archive).
    - If you do not, the automatic tools will not count your vote.
  - Do not simply "Reply" to the ballot announcement.
- When you lose your voting membership this way, you lose all your qualifying attendance credit.
  - If you want to become a voting member again, you have to notify the WG Chair and Recording Secretary that you wish to become a voting member again.

The following are 802.1 voting members (57):

Ahmed, Mahin
Arunarthi, Venkat
Assmann, Ralf
Belliardi, Rudy
Boiger, Christian
Bottorff, Paul
Canchi, Radhakrishna
Chen, Feng
Chen, Lihao
Choudhury, Abhijit
Farkas, Janos
Fedyk, Donald
Finn, Norman
Garner, Geoffrey
Goto, Fumihide
Haddock, Stephen
Hantel, Mark
Holness, Marc
Hopf, Daniel
Huh, Woojung
Itaya, Satoko
Ito, Yoshihiro
Jabbar, Abdul
Karl, Michael
Kehrer, Stephan
Kiessling, Marcel
Lai, Gavin
Lyu, Yunping(Lily)
Mangin, Christophe
Mansfield, Scott
Mater, Olaf
McCall, David
Mittelberger, Martin
Nakano, Hiroki
Nomura, Takumi
Parsons, Glenn
Pearn, Richie
Proell, Dieter
Randal, Karen
Riegel, Maximilian
Rodrigues, Silvana
Rouyer, Jessy
Roy. Rajeev
Sato, Atsushi
Seaman, Michael
Seewald, Maik
Sivakolundu, Ramesh
Specht, Johannes
Stanica, Marius
Turner, Max
Venkatesan, Ganesh
Wang, Tongtong
Wessels, Leon
Winkel, Ludwig
Woods, Jordon
Yamaura, Takahiro
Zein, Nader

The following will become voting members when/if they attend this session:

The following could become voting members if they email me and the Recording Secretary indicating their intention to do so and if they attend this session:

Gravel, Mark
Niess, Adriaan
Peterson, Eric
Regev, Alon
Tse, Richard

The following will lose voting member status for lack of qualifying attendance, unless they attend this session:

Belliardi, Rudy
Finn, Norman
Itaya, Satoko

The following will lose their voting membership at the end of this plenary session through lack of qualifying WG letter ballot voting :

Finn, Norman

802.11 Reciprocal credit

- 802.1 voting members may get credit for attending 802.11 meetings, and vice versa
- 802.1 voting members who are also 802.11 voting members will need to indicate in IMAT which group they are accumulating credit for this plenary session.

- 802.1 attendance credit will not be granted for a voting member who attended mostly 802.11 meetings.

802.3 Reciprocal credit

- 802.1 voting members may get credit for attending 802.3 meetings, and vice versa
- 802.1 voting members who are also 802.11 voting members will need to indicate in IMAT which group they are accumulating credit for this plenary session.

- 802.1 attendance credit will not be granted for a voting member who attended mostly 802.3 meetings.

September 2025 interim

- Hosted by Huawei in Düsseldorf, Germany (proposal)
  - Approved by the WG in March 2025
- Registration fee
  - Standard: 900 USD
  - Late: 1100 USD
  - 150 USD discount with 3 night minimum stay at the meeting hotel
- In-person with provisions to support mixed mode
  - Location: Hilton Düsseldorf, Düsseldorf, Germany
    - Hotel rate: 195 EUR Single/night + taxes
- Date
  - Sep 16-19, 2025

January 2026 interim

- Co-locate with IEEE 802.3 WG, hosted by Dell in Austin, TX, USA (proposal slides 6-11)
  - Approved by the WG in March 2025
- Registration fee
  - Early: 925 USD
  - Normal: 1225 USD
  - Late: 1525 USD
  - Discount of 300 USD with 3 night minimum stay at the meeting hotel
- In-person with provisions to support mixed mode
  - Location: Westin Austin at the Domain, Austin, TX, USA
    - Hotel rate: 259 USD/night + tax
- Date
  - Jan 19-22, 2026

May 2026 interim

- Hosted by Huawei in Munich, Germany (proposal)
  - Approved by the WG by e-Poll in May 2025
- Registration fee
  - Early: 800 USD
  - Standard: 1100 USD
  - Late: 1400 USD
  - 300 USD discount with 3 night minimum stay at the meeting hotel
- In-person with provisions to support mixed mode
  - Location: The Munich Marriott, Munich, Germany
    - Hotel rate: 159 EUR Single/night
- Date
  - May 11-14, 2026

September 2026 interim

- Possibility to co-locate with the 802 Wireless group
- Registration fee
  - Expected to be in the usual range
- In-person with provisions to support mixed mode
  - Hilton Waikoloa Village, Waikoloa, Hawaii, USA
- Date
  - Sep 14-17, 2026

September 2026 interim

- Offer to host by Rockwell Automation in Cleveland, OH, USA (proposal)
- Registration fee
  - Expected to be in the usual range
- In-person with provisions to support mixed mode
  - Hyatt Regency Cleveland, Cleveland, Ohio, USA
- Date
  - Sep 14-17, 2026

Straw Poll

If the 2026 September Interim Session is held at the Hilton Waikoloa Village, Waikoloa, Hawaii, USA, co-located with the 802 wireless group as a mixed-mode session, do you plan to attend:

- Attend In-person - 17
- Attend Virtually (remotely) - 9
- Will not attend - 15
- Did not respond - 1

- 42 in DVL

Straw Poll

If the 2026 September Interim Session is held at the Hyatt Regency Cleveland, Cleveland, Ohio, USA, as a mixed-mode session, do you plan to attend:

- Attend In-person - 22
- Attend Virtually (remotely) - 9
- Will not attend - 9
- Did not respond - 2

- 42 in DVL

Interim sessions

- September 2025
  - Hosted by Huawei as in-person session with provisions to support mixed mode
    - Date: Sep 16-19, 2025
    - Location: Düsseldorf, Germany
- January 2025
  - Hosted by Dell as in-person session with provisions to support mixed mode
    - Date: Jan 19-22, 2026
    - Location: Austin, TX, USA
- May 2026
  - Hosted by Huawei as in-person session with provisions to support mixed mode
    - Date: May 11-14, 2026
    - Location: Munich, Germany
- September 2026
  - Option to co-locate with IEEE 802 Wireless Group
    - Date: Sep 14-17, 2026
    - Location: Waikoloa, HI, USA
  - Offer to host by Rockwell Automation in Cleveland, OH, USA
    - Date: Sep 14-17, 2026
    - Location: Cleveland, OH, USA

Plenary sessions

- November 9-14, 2025 – Bangkok, Thailand
  - Marriot Marquis Queen's Park
- March 8-13, 2026 – Vancouver, BC, Canada
  - Hyatt Regency Vancouver
- July 13-18, 2026 – Montreal, QC, Canada
  - Le Centre Sheraton Montreal
- Nov 8-13, 2026 – Bangkok, Thailand
  - Marriot Marquis Queen's Park
- Mar 14-19, 2027 – Atlanta, GA, United States
  - ~~Hilton Atlanta~~ (planned to move to Asia)
- Jul 11-16, 2027 – Gothenburg, Sweden
  - Gothia Towers
- Nov 14-19, 2027 – Oahu, HI, USA
  - Hawaiian Village

Straw poll

- For the IEEE 802 March 2027 plenary session, which of the venues would you prefer:
  - Singapore - 8
  - Wellington, New Zealand - 9
  - Osaka, Japan - 13
  - Sydney, Australia - 5
  - None of the above - 7

  - 45 in DVL

Straw polls – closing plenary

1. Would you like to come back to this venue?
    - Yes – 27 No - 7 Did not respond - 11
2. Did you go to the social?
    - Yes – 28 No - 7 Did not respond - 10
3. If you attended the social, did you like the social?
    - Yes – 25 No - 5 Did not respond – 16

    - 45 in DVL

Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
60802 (DA)	TSN Profile for Industrial Automation	SA ballot	SA ballot	D3.4	RevCom & PAR extension	Dec '25
802.1DG	TSN Profile for Automotive Networks	SA ballot	SA ballot recirc	D4.3	Published - June 6	Dec '25
802.1DP	TSN Profile for Aerospace	SA ballot	SA ballot recirc	D3.3	RevCom	Dec '26
802.1Qdq	Tspec	WG ballot	WG ballot	D1.2	PAR Extension	Dec '25
802.1ASds	Half-duplex support	WG ballot	WG ballot	D1.2	WG ballot	Dec '26
802.1Qdt	PFC MACsec	TG Ballot	Editor's draft	D0.4	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	TG Ballot	D0.4	TG Ballot	Dec '26
802-rev	O&A	SA Ballot conditional	Approved - Dec 11	D2.2	Published - March 11	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1Q-2022 rev	Bridges and Bridged Networks	TG Ballot	Editor's draft	D1.6	TG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	WG ballot	WG Ballot	D1.3	SA ballot	Dec '27
802.1AXdz	YANG for LAG	SA ballot	SA ballot recirc	D2.1	RevCom	Dec '28
802.1ACea	802.15.16 convergence	WG Ballot	WG ballot	D1.3	WG Ballot	Dec '28
802.1CB/cor1	FRER corrigendum	WG Ballot	WG Ballot	D1.1	SA ballot	Dec '28
802.1ASeb	Announce	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1ASed	Fault tolerant timing	WG ballot	WG ballot	D2.1	SA ballot conditional	Dec ' 28
802.1DD	Resource Allocation Protocol	TG Ballot	Editor's draft	D1.1	TG Ballot	Dec ' 28
802.1AB-2016 rev	LLDP	TG Ballot	TG ballot	D0.2	WG Ballot	Dec ' 28
802.1AC-2016 rev	MAC Service	TG Ballot	PAR approved		Editor's draft	Dec ' 28
802.1CBec	FRER configuration	TG Ballot	draft PAR		PAR modifcation	Dec ' 29
802.1CB-2017 rev	FRER	TG Ballot	draft PAR		TG Ballot	Dec ' 29
802.1Qee	Wireless TE	PAR development	draft PAR		NesCom	
802.1X-2020/Cor1	YANG corrigendum for Port Auth		PAR development		NesCom + TG conditional	
802.1X-2020 rev	Port Authentication		PAR development		NesCom	
802.1AE-2018 rev	MACsec		PAR development		NesCom	
802.1AR-2018 rev	Device ID		PAR development		NesCom	
802.1AEef	Ascon for MACsec				PAR development	
802.1AReg	ML-DSA for Device ID				PAR development	

Subgroup agendas

- joint IEEE 802.1 /802.15
- Maintenance TG
- Security TG
- TSN TG
- Nendica – Network Enhancements for the Next Decade Industry Connections Activity
- YANGsters

Joint 802.1 & 802.15

- Waiting for feedback on 802.15 bridging
- Update on P802.1ACea
- Maintenance #314 discussion on adding time reference points per MAC/PHY to 802.1AC
- P802.1Qee Wireless TE PAR discussion

Maintenance Meeting Summary

- Held TG meetings July 28th, 29th, & 31st
  - https://1.ieee802.org/july-2025-plenary-session-maintenance-tg-agenda/

Monday

- Provided updates on projects in progress
- Reviewed PAR for P802.1X
- Reviewed Liaison Activity and reviewed outgoing liaisons to ITU-T SG15, BBF and ISO/IEC JTC 1/SC 6
- Reviewed and commented on PARs and CSDs from other groups
- Reviewed Maintenance Item 378 on the CB Sequence Recovery
- Received an editors update P802.1CB-2017/Cor1

Maintenance Meeting Summary …

Tuesday

- Completed comment resolution on P802.1ACea D1.3
- Received an introduction from the editor on P802.1CB-2017-REV
- Updated comments on other PARs

Thursday

- Completed comment resolution on P802.1AB-2016 D0.2
- Discussed the P802.1Q-2022-REV PICS
- Reviewed outgoing liaison text on the liaison for BBF
- Reviewed new maintenance items
- Reviewed existing maintenance items

Maintenance Next Steps

- Ballots Forthcoming
  - P802.1ACea WG Recirculation Ballot
  - P802.1CB-2017/Cor1 Initial SA Ballot
  - P802.1AS-2020-REV Initial SA Ballot
  - P802.1AB-2016-REV Initial WG Ballot
  - P802.1CB-2017-REV Initial TG Ballot
  - P802.1AC-2016-REV Initial TG Ballot
  - P802.1X-2020/Cor1 Initial WG Ballot
- Planning proposed electronic meetings :
  - As announced to address TG matters for the approved projects and to progress the resolution of new and existing maintenance items.

Report – Security

1. 802.1X-2018-Rev, 802.1AE-2018-Rev, 802.1AR-2018-Rev PAR discussion

   Discussed, on LMSC consent agenda for expedited approval, WG motions

2. MACsec Ascon Cipher Suite

   Following up on discussion in Rennes, confirmation that use of Ascon-AEAD-128 will meet PQC requirements (symmetric key, key size), support, absence of Ascon KDF/key wrap not a show stopper for practical deployment, WG motion for PAR development

3. ML-DSA (FIPS 204) DevID signature suites for 802.1AR

   Provides PQC support, support, WG motion for PAR development

4. PQC development in 802.11 & IETF EMU WG

   Presentation, confirmation that PQC EAP method should provide symmetric pair-wise PMSK -> CAK for MACsec, would complete PQC support (not just PSKs as at present)

5. MACsec over MPLS/IP

   Brief discussion, need further work/analysis

6. A.O.B – MKA performance in Group CAs (Automotive related)

   Two presentations, no amendment work proposed at this time, possible further discussion

7. A.O.B – Phy (802.3) level security

   Presentation, further work required prior to continued discussion, possible teleconference progression, need to coordinate with 802.3 participation

IEEE 802.1 TSN TG Summary

IEEE 802 Plenary, July 28-31, 2025

CEST Start	CEST End	Monday Jul 28	Tuesday Jul 29	Wednesday Jul 30	Thursday Mar 31	PT Start	ET Start	JST Start
9:00	9:30	**TSN** P802.1ASds	Maintenance TG	NENDICA	Maintenance TG	0:00	3:00	16:00
9:30	10:00					0:30	3:30	16:30
10:00	10:30					1:00	4:00	17:00
10:30	11:00					1:30	4:30	17:30
11:00	11:30					2:00	5:00	18:00
11:30	12:00	**Opening plenary**	**TSN** P802.1DP/AS6675, P802.1ASed, P802.1DD	**TSN** PARs, outgoing liaisons	**TSN** P802.1Qdq	2:30	5:30	18:30
12:00	12:30					3:00	6:00	19:00
12:30	13:00					3:30	6:30	19:30
13:00	13:30					4:00	7:00	20:00
13:30	14:00					4:30	7:30	20:30
14:00	14:30					5:00	8:00	21:00
14:30	15:00	**TSN** liaisons, motions, P802.1ASed	**TSN** P802.1Qdq, P802.1Qdw	Security	**Closing plenary**	5:30	8:30	21:30
15:00	15:30					6:00	9:00	22:00
15:30	16:00					6:30	9:30	22:30
16:00	16:30					7:00	10:00	23:00
16:30	17:00					7:30	10:30	23:30
17:00	17:30	Maintenance TG	YANGsters	**TSN - IEC/IEEE 60802** brainstorming on potential amendment	**Closing plenary**	8:00	11:00	0:00
17:30	18:00					8:30	11:30	0:30
18:00	18:30					9:00	12:00	1:00
18:30	19:00					9:30	12:30	1:30

- TSN TG agenda details are available at: https://1.ieee802.org/2025-07-plenary-tsn-agenda
- Note that the TSN TG agenda may change, e.g., depending on progress

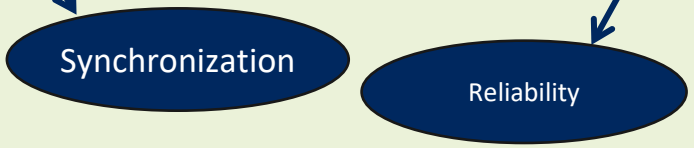
TSN standards & projects summary

Time-Sensitive Networking (TSN) Profiles (Selection and Use of TSN tools)

Audio Video Bridging [802.1BA]	Fronthaul [802.1CM/de]	Industrial Automation [IEC/IEEE 60802]	Automotive In-Vehicle [802.1DG]	Aerospace Onboard [IEEE P802.1DP / SAE AS6675]

TSN Components

(Tools of the TSN toolset)

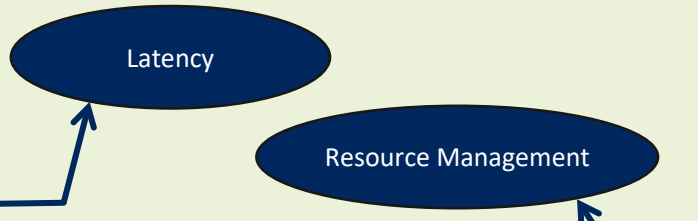


Time synchronization:

- Timing and Synchronization [802.1AS-2020] (a profile of IEEE 1588)
- Hot Standby [802.1ASdm]
- YANG [802.1ASdn]
- Inclusive Terminology [802.1ASdr]
- Support for half-duplex [P802.1ASds]
- Optional Announce [P802.1ASeb]
- Fault-Tolerant Timing [P802.1ASed]

High availability / Ultra reliability:

- Frame Replication and Elimination [802.1CB]
- Sequence Recovery Configuration [P802.1CBec]
- Path Control and Reservation [802.1Qca]
- Per-Stream Filtering and Policing [802.1Qci]



Bounded low latency:

- Credit Based Shaper [802.1Qav]
- Frame Preemption [802.1Qbu & 802.3br]
- Scheduled Traffic [802.1Qbv]
- Cyclic Queuing and Forwarding [802.1Qch]
- Asynchronous Traffic Shaping [802.1Qcr]
- Shaper Parameter Settings [P802.1Qdq]
- Enhancements to CQF [P802.1Qdv]
- QoS Provision [802.1DC]
- Cut-Through Forwarding [P802.1DU]

Dedicated resources & API:

- Stream Reservation Protocol [802.1Qat]
- Link-local Registration Protocol [802.1CS]
- TSN Configuration [802.1Qcc]
- TSN Configuration Enhancements [802.1Qdj]
- Foundational Bridge YANG [802.1Qcp]
- YANG for CFM [802.1Qcx]
- YANG for 802.1Qbv/Qbu/Qci [802.1Qcw]
- YANG for CBS [802.1Qdx]
- YANG for MSTP [802.1Qdy]
- YANG for LLDP [802.1ABcu]
- YANG for LAG [P802.1AXdz]
- YANG & MIB for FRER [802.1CBcv]
- Extended Stream Identification [802.1CBdb]
- LLDPv2 for Multiframe Data Units [802.1ABdh]
- Resource Allocation Protocol [P802.1DD]

Zero congestion loss = Bounded latency

Note: A 'P' in front of '802.1' indicates an ongoing Project.

More on TSN standards and ongoing projects at: https://www.ieee802.org/1/tsn

Nendica Meeting Summary

- Met Wednesday, 2025-07-30; 09:00-11:00 CEST
  - Agenda https://1.ieee802.org/802-nendica-agenda-2025-07-30/
  - Johannes Specht presided
  - 42 attendees recorded
- AICN Study Item
  - Reviewed draft liaison to UEC
  - Reviewed two contributions
- finalized ICCOM annual report
- intend to continue biweekly meetings
  - Beginning 2025-08-21

Future Nendica Meeting Plan

- *It was agreed (without objection) to continue to hold IEEE 802 Nendica meetings on alternate Thursday, 09:00-11:00 ET, beginning August 21.*
  - *Dates, times and agenda to be announced subject to notice of at least 5 days to the 802.1 Minutes email list .*
  - *Additional meetings as announced at least 10 days in advance*

Summary for YANGsters

- YANG Sanity Spreadsheet
  - Need to get yang update for 802.1DD (lint warnings)
- IEEE 802.3 YANG Status
  - New Open-Source YANG AdHoc underway
  - https://www.ieee802.org/3/ad_hoc/YANGOS/index.html
- BBF YANG Guidelines
  - BBF provided information on their YANG Guidelines, providing a useful example for SDOs to review and consider
- YANG fixes related to “derived-from-or-self” identified in .1X and .1AE
  - .1X: https://github.com/YangModels/yang/tree/main/experimental/ieee/802.1
  - .1AE: Maintenance Item submitted
- Proposal for fix to mac address pattern issue pull request issued:
  - https://github.com/YangModels/yang/pull/1663
- Proposal to elevate YANGsters to become an IEEE LMSC Standing Committee has been submitted
- YANGsters topics
  - Please submit topics for upcoming meetings
- Next Meetings
  - 12 August and then every two weeks until the Bangkok Plenary (If approved at the Plenary)

Promotion

- IEEE SA marketing collateral
  - TSN automotive, TSN industrial, TSN aerospace
  - TSN Implementer mark
- Press releases, blog posts, articles
  - YANG blog post , DG?, DP?, 60802?, Security?
- Tutorial
  - IEEE Time-Sensitive Networking For New Ethernet Bridging Applications
    - 5-part course now available through ILN
  - TSN webinars
    - 802.1 – Sept 16, 2022 , TSN toolset – Dec 2, 2022, 802.1AS – Feb 24, 2023, AVB – Jun 9, 2023, Fronthaul - Sept 8, 2023, 60802 – Apr 6, 2023 , Automotive – Oct 26, 2023, Aerospace – Sept 12, 2024
  - Computer Society webinars
- Industry Events
  - TSN/A – Sept 23-24, 2025
  - Ethernet/IP (Automotive) day – Oct 15-16, 2025
  - Aerospace TSN summit – Sept 9-10, 2025

802.1 Public Visibility Messaging

- **Coordinating with IEEE 802 Public Visibility Standing Committee**
  - Chair: Tuncer Baykas
  - 802.1 coordinator: vacant
  - LinkedIn promotion – >5k followers
  - IEEE SA web feature for IEEE 802
- **Maintaining web page**
  - https://1.ieee802.org/visibility/
  - tracking topics and status
  - Technical webinars with Computer Society
  - new topics welcome

IEEE Fellow

Nominate a colleague!

- IEEE Fellow recognizes “unusual distinction” in the profession
  - Nomination by anyone, endorsement (3) by anyone, references (5) from existing IEEE Fellows
- Nomination based on 5 categories
  - Research Engineer/Scientist (RE/S), Technology Innovator (TI), Technical Leader (TL), Educator (EDU), and Standards Contributor (STDC)
- Relevance of new “standards contributor”
  - Class of 2024: 13 nominations include STDC contributions
  - Class of 2025: 31 nominations include STDC contributions
- For more information
  - Computer Society summary presentation
  - Technical Activities summary presentation

IEEE Awards

Nominate a colleague!

- Emerging Technology Award - for the initiation, advancement or progression of a new technology through the IEEE SA open consensus process
- International Award - for extraordinary contribution to establishing the IEEE SA as a world-class leader in standardization
- Lifetime Achievement Award - for significant technical contributions to a standards committee for their IEEE field of interest
- Standards Committee Award - for outstanding contributions to Corporate Standards Development
- Standards Medallion - for major contribution to the development of standards
- Corporate Award - for the provision of outstanding leadership and contribution to the IEEE SA.
  - IEEE SA nomination deadline 31 July
- Computer Society Hans Karlsson Standards Award - In recognition of outstanding skills and dedication to diplomacy, team facilitation and joint achievement, in the development or promotion of standards in the computer industry
  - Nomination deadline 1 October
- IEEE Charles Proteus Steinmetz award - For exceptional contributions to the development and/or advancement of standards
  - Nomination deadline 15 January
- IEEE Alexander Graham Bell Award - For exceptional contributions to communications and network sciences and engineering.
  - Nomination deadline 15 January

Liaison Resources

- IEEE 802.1 Liaison Page
  - https://1.ieee802.org/liaisons/
  - Liaison Table: https://1.ieee802.org/liaisons/liaisontable/
  - Liaison templates: https://1.ieee802.org/templates/
    - https://www.ieee802.org/1/files/private/templates/admin-liaisontemplate-8021statement-0124.docx
- IEEE 802 SA Liaison List for IEEE 802.1
  - https://ieee-sa.imeetcentral.com/802liaisondb/FrontPage
  - IEEE SA requests review of IEEE 802 Liaison List yearly
- IEEE Draft Sharing page is maintained by IEEE SA
  - Must confirm organizations outside IEEE SA are on the list before sharing any draft standard.

Incoming Liaisons reviewed at this session

- Liaison LS21 from **ITU-T SG13** – draft new Recommendation ITU-T Y.3219: Fixed, mobile and satellite convergence – Deterministic networking for IMT-2020 networks and beyond
- Liaison LS35 from **ITU-T SG13** – work items related to Deterministic Networking in SG13 (with 2 referenced attachments in the private liaison directory)
- Liaison LS31 from **ITU-T SG15** – Consented and Agreed Recommendations (with referenced attachments in the private liaison directory)
- Liaison LS32 from **ITU-T SG15** – LS on IM/DM modelling coordination
- Liaison from **BBF** - Use of the IEEE 802.1X YANG model in BBF-specified Access Nodes
- Liaison LS26 from **ITU-T SG15** – OTNT Standardization Work Plan Issue 35
- Liaison from JASPAR - Proposal of Time Sync Automotive Profile as IEEE 802.1DG Amendment
- OPC Foundation – request for IEC/IEEE 60802 Draft 3.4
- Received comments on CIB ballots from **SC6** on IEEE Std 802.1Qdy and IEEE Std 802

Outgoing Liaisons

- Motions to send Liaison Statements:
  - Approve liaison statement to UEC: https://www.ieee802.org/1/files/public/docs2025/liaison-UEC-coordination-0725.pdf
  - Approve liaison statement to BBF: https://www.ieee802.org/1/files/public/docs2025/liaison-response-BBF705-YANG-0725.pdf
  - Approve liaison response to ITU-T SG13 on work items related to deterministic networking: https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG13-LS35-DetermNetwrking-0725-v01.pdf
  - Approve liaison response to ITU-T SG15 on OTNT Standardization Work Plan Issue 35: https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG15-LS26-OTNTStdznWorkPlan35-0725.pdf
- Motion to share draft(s)
  - Approve sending IEC/IEEC 60802 D3.4 to OPC Foundation
- Liaison Motions for ISO/IEC JTC1/SC6:
  - Approve submission of the comment responses to SC6 for ballot comments received on IEEE Std 802.1Qdy and IEEE Std 802
    - https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponse802-0725.pdf
    - https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseQdy-0725.pdf
  - Approve liaison sending drafts to SC6 for information, when SA ballot starts: P802.1AS-Rev, P802.1ASed, P802.1CB/Cor1
  - Approve liaison sending to SC6 for adoption, when published: IEEE Std 802.1DP, IEEE 802.1AXdz

ITU Coordination

- Review of higher level ITU activities relevant to IEEE 802 (EC-25-58)
- ITU-T SG15 incorporation by reference of 802.3 and its amendments in a new Rec G.8020.3 for approval in August 2025
  - Consider proposing incorporation by reference of 802.1Q (and its amendments) in November 2025
- Hosting ITU-T SG15 in July 2026
  - Including the 10th joint workshop

WG Member Voting

SBS DirectVoteLive™

- Access the web voting tool via the "Voting Member – Cast your vote" link on the 802.1 July 2025 plenary session page
- When asked to sign in, use your IEEE Account user name and password
- Click the Enter Meeting for IEEE 802.1 Closing Plenary – July 2025
- Motions will be opened, and visible under the "Open" tab after being announced.
- Click on Vote for motions currently requiring your vote
- Make your vote selection and click Submit to record your vote
- Keep the "*DirectVoteLive*" browser open during the meeting

802.1 consent agenda items for LMSC Closing Plenary

July 2025

(V3 – 802.1 version #)

Agenda

- PARs to NesCom
  - 5.0xx – P802.1Qee
  - P60802 PAR extension
  - P802.1Qdq PAR extension
  - P802.1X-2020/Cor1
  - P802.1X-2020 rev
  - P802.1AE-2018 rev
  - P802.1AR-2018 rev
- Drafts to SA Ballot
  - P802.1ASed (conditional)
  - P802.1AS-2020-REV
  - P802.1CB-2017/Cor1
- Drafts to RevCom
  - P802.1AXdz
  - P802.1DP
  - P60802

Agenda

- Liaisons and external communications (ME)
  - 7.021 – Approve sending ballot comment responses to ISO/IEC JTC1 SC6
  - 7.022 – Approve sending draft(s) to ISO/IEC JTC1 SC6 for information under the PSDO agreement, when SA ballot starts
  - 7.023 – Approve sending standard(s) to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, when published
  - 7.024 – Approve sending communication to ITU-T SG15
  - 7.025 – Approve sending communication to ITU-T SG13

- Liaisons and external communications (II)
  - Approve sending communication to BBF
  - Approve sending communication to UEC

802.1 Motions

Consent Agenda

PARs to NesCom

Motion

- Approve forwarding P802.1Qee PAR documentation in https://www.ieee802.org/1/files/public/docs2025/ee-PAR-0725-v01.pdf to NesCom
- Approve CSD documentation in https://www.ieee802.org/1/files/public/docs2025/ee-CSD-0725-v01.pdf

- In the WG, Proposed: János Farkas, Second: Mark Hantel
  - PAR (y/n/a): 33, 1, 1
  - CSD (y/n/a): 33, 1, 1

- In EC, mover: Glenn Parsons, Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P60802 PAR extension documentation in https://www.ieee802.org/1/files/public/docs2025/60802-PAR-extension-0725-v01.pdf to NesCom
- Approve (unmodified) CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0088-01-ACSD-p60802.pdf

- In the WG, Proposed: János Farkas, Second: Dieter Proell
  - PAR (y/n/a): 35, 0, 1
  - CSD (y/n/a): 35, 0, 1

- In EC, mover: Glenn Parsons, Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1Qdq PAR extension documentation in https://www.ieee802.org/1/files/public/docs2025/dq-PAR-extension-0725-v02.pdf to NesCom
- Approve (unmodified) CSD documentation in https://mentor.ieee.org/802-ec/dcn/21/ec-21-0098-00-ACSD-p802-1qdq.pdf

- In the WG, Proposed: János Farkas, Second: Jessy Rouyer
  - PAR (y/n/a): 28, 4, 4
  - CSD (y/n/a): 28, 3, 5

- In EC, mover: Glenn Parsons, Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve forwarding P802.1X-2020/Cor1 PAR documentation in
  https://www.ieee802.org/1/files/public/docs2025/X-Cor1-PAR-0725-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: Karen Randall
  - Sending (y/n/a): 33, 1 , 1
- In the EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y> , <n> , <a>

Motion

- Approve forwarding IEEE 802.1X-2020 Revision PAR documentation in https://www.ieee802.org/1/files/public/docs2025/x-2020-rev-draft-par-0725-v00.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: Mick Seaman Second: Karen Randall
  - Sending (y/n/a): 35 , 0 , 2
- In the EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y> , <n> , <a>

Motion

- Approve forwarding IEEE 802.1AE-2018 Revision PAR documentation in https://www.ieee802.org/1/files/public/docs2025/ae-2018-rev-draft-par-0725-v02.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: Mick Seaman Second: Karen Randall
  - Sending (y/n/a): 33, 0 , 2
- In the EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y> , <n> , <a>

Motion

- Approve forwarding IEEE 802.1AR-2018 Revision PAR documentation in https://www.ieee802.org/1/files/public/docs2025/ar-2018-rev-draft-par-0725-v00.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: Mick Seaman Second: Karen Randall
  - Sending (y/n/a): 34 , 0 , 2
- In the EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y> , <n> , <a>

802.1 Motions

Consent Agenda

Drafts to SA Ballot

Motion

- Conditionally approve sending P802.1ASed D3.0 to Standards Association ballot
- Confirm the CSD for P802.1ASed in https://mentor.ieee.org/802-ec/dcn/24/ec-24-0191-00-ACSD-p802-1ased.pdf
- P802.1ASed D2.2 had 97% approval at the end of the last WG ballot
  - In the WG, Proposed: János Farkas, Second: Silvana Rodrigues
    - Sending draft (y/n/a): 36, 1, 1
    - CSD (y/n/a): 36, 0, 1
  - In EC, mover: Glenn Parsons, Second: David Law
    - (y/n/a): <y>,<n>,<a>

Supporting Information P802.1ASed

- WG ballot closed: 26 July 2025
- All WG ballot requirements are met
- The ballot resulted in
  - 0 new Disapprove votes
  - 0 new MBS comments
  - 1 Disapprove vote associated with 12 MBS comments maintained from the initial WG ballot
- Ballot dispositions are available here:
  - 2nd WG recirculation ballot against D2.2: https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-2-dis-v01.pdf
  - Initial WG ballot against D2.0: https://www.ieee802.org/1/files/private/ased-drafts/d2/802-1ASed-d2-0-dis-v02.pdf
- WG recirculation ballot will be conducted during August/September with comment resolution in the regularly scheduled TSN TG meetings. A possible final recirculation in September/October if required with comment resolution in the regularly scheduled TSN TG meetings.

Ballot results:

Category	All respondents	
	Total	Percentage
Yes	29	97%[a] of yes/no
No	1	3% of yes/no
Voting Yes or No	29	58% of responding
Abstain Expertise	14	27% of responding
Abstain Time	2	4% of responding
Abstain Other	0	0% of responding
Respondents	46	79%[b] of eligible voters
Non-voters respond-ing	7	
Eligible Voters	58	
No. of commenters	2	4% of responding
No. of comments	16	
TR & T	14	88% of comments
ER & E	2	12% of comments

a Ballot is valid
b Ballot passed

Supporting Information P802.1ASed

- Voter maintaining Disapprove vote from former ballots:
  - Johannes Specht

- The MBS comment whose resolution the Disapprove voter is not satisfied with are on the following slides.

Supporting Information P802.1ASed

Cl I SC I.3.1 P70 L1 # 161

Specht, Johannes Self

Comment Type TR *Comment Status* A

It is unclear to me what "PPS" is, and how this relates to "PTP" and "gPTP". The title of I.3.1 is "PPS-based implementation". The title of I.3.2 is "PTP-based implementations.". That clause structure may indicate that I.3.1 is something entirely different than PTP/gPTP. The last sentence of I.3.2 "UARTs are commonly used to convey the time-of-day associated with PPS events. This mechanism must also be implemented to be tolerant to Byzantine faults." contributes further to my confusion:
a) It appears that I.3.1 relies on an entirely different communication mechanism that is not part of the IEEE 802 architecture, and not in the scope of the base standard (802.1AS) or the amendment project.
b) Term "must" is used only to describe unavoidable situations. Having the term in an informative annex reads strange to me, and it is unclear why the given statement is true.
c) The statement contradicts with that in line 33 on page 45.

SuggestedRemedy

DISCUSS
Is this the right standard for I.3.1?
Why is the statement in the cited sentence with "must" true?

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Move all content related to time agreement generation and perservation from annex-I and the draft to its own separate annex

Change title of I.3.1 to:
Pulse Per Second (PPS) based example.

Delete lines 7 and 8 on page 71

Cl I SC I.3.2 P71 L9 # 162

Specht, Johannes Self

Comment Type TR *Comment Status* A

Change "Implementations." to "Implementations"

SuggestedRemedy

Per comment.

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Change title of I.3.2 to:

PTP-based example

Cl 20 SC 20.2.2 P45 L24 # 164

Specht, Johannes Self

Comment Type TR *Comment Status* A

Avoid the use of the word safe in a standard unless the condition or practice referenced by the word safe has been tested under all cases as being, in fact, safe. Typically, this is not the case.

SuggestedRemedy

a) Change "a safe bound … use." to "defined time bounds."
b) Change remove term "safely" on P50L33.

Response *Response Status* C

ACCEPT IN PRINCIPLE.

Change L24, 45 to:

For this standard, a trusted time is one that passes a specified criterion that identifies it as being within acceptable
bounds.

Remove term "safely" on P50L33.

Cl 20 SC 20.3.5.1.4 P62 L5 # 169

Specht, Johannes Self

Comment Type TR *Comment Status* A

"ToD" only exists in 802.1AS-2020 in the context of EPON (clause 13).

SuggestedRemedy

DISCUSS
Is the algorithm defined in the draft only applicable to EPON?

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Replace "ToD" in the document with "Time" which is referenced to the value obtained from timeReceiverTimeCallback field of the ClockTargetEventCapture.result premitive

Supporting Information P802.1ASed

Cl 20 SC 20.3 P47 L26 # 172

Specht, Johannes Self

Comment Type TR *Comment Status* A

It is unclear whether "local
oscillator's clock (OSC_CLK)" is a time source other than local clock (base standard) or the same.

SuggestedRemedy

If both are the same, use "local clock" throughout the document. If not, add text for explicitly introducing "local oscillator's clock (OSC_CLK)", and potentially find a better term that avoids ambiguity.

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Change line 26 sentence from:

The FTTM can also use the local oscillator's clock (OSC_CLK) as an input to its selection algorithm

to

A FTT entity can use as an input a free running clock (FTT_CLK) which can be the LocalClock of a PTP Instance.

Change the figure 20-1
Change the title in the top left box from "Local Oscillator" to "Free running clock"
Remove the top left box

Rename the arrow text from "OSC_CLK" to "FTT_CLK"

Replace "OSC_CLK" with "FTT_CLK" throughout the standard.

Replace the word "oscillator" as appropriate.

Cl 7 SC Figure 7-1 P22 L7 # 176

Specht, Johannes Self

Comment Type TR *Comment Status* A

It appears unclear why the bridges need a fault-tolerant timing module in this example per NOTE
a) The architecture defined in 20.3 implies that the FTTM cannot pass its results to ports for transport to other bridges.
b) The only reason I can imagine (as is implied in the draft at other places) could be that there is enhancements for scheduled traffic are present. But this is not stated here.

SuggestedRemedy

a) Either take the FTTM out of the bridges in the example, or give reasoning.
b) Specify clearly at an apporpriate location when (and when not) a bridge in the network requires FTTM and when not (it could also be ok to have it only in some bridges, or just in end stations).

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Add a paragraph at the end of clause 20.3:
FTT entity is used by time-aware systems (end stations and Bridges) if applications and protocols depend on synchronized time.
NOTE - 1: The use of FTT entity on all or some of the Bridges in the network is dependent on the use case.

Add text as appropriate to indicate that FTT entity is not required at every Bridge if there are no applications/protocols that depend on synchronized time.

Supporting Information P802.1ASed

Cl 20 SC 20.3.2 P48 L18 # 178

Specht, Johannes Self

Comment Type TR *Comment Status* A

a) line 18: Per Figure 20-1, OSC_CLK is not an element of which the FTTM "consists" [line 17].
b) Line 22: "PTP End Instances serve as the ClockTimeReceiver entities" does not make sense to me. A ClockTimeReceiver entity (in 802.1AS-2020 called "ClockSlave") is A PART of a PTP Instance (see 7.4 in 802.1AS-2020 and Figure 20-1 in the draft).
c) Line 31: "where each DTSF serves as a ClockTimeReceiver entity and the ITSF serves as a ClockTarget entity" appears incorrect. DTSF and ITSF are part of FTTM which, per the FTTM location specified earlier in 20.3, does not comprise ClockTarget and ClockTimeReceiver (the latter are part of the media-independet PTP Instance pieces).
d) Similar confusing are lines 37 to 39 (e.g., an "output" can not become an entity).

SuggestedRemedy

To be honest, I am not sure what the text on page 48 lines 18 to 41 shall state.
I can just guess that it attempts to describe the "flow of time information" as shown in Figure 20-2. If so, the entire text needs to be revised significantly.

Response *Response Status* W

ACCEPT IN PRINCIPLE.
- Delete line 17
- Change first bullet item to:
If fttmUseFTTClk is TRUE, FTT entity uses a free-running clock that is independent of the times being received by the PTP Instances that are connected to the FTTM. The health and trust of FTT_CLK is outside the scope of this standard.

-Change second bullet item to:
ClockTargetEventCapture interface (see Clause 9.3) provides time information to the FTT entity from PTP Instances. The instanceIndex number associated with each PTP Instance is also passed to the TSF.

- Delete the bullet item on line 30-35

- Change the bullet item on line 36- 41 to:

FTT provides output time via ClockTargetEventCapture interface to ClockTarget entity. The instanceIndex number of the PTP Instance associated with the output ClockTargetEventCapture interface is available via the management object fftmSelInstanceIndex (14.23.16)

Cl 20 SC Figure 20-4 P60 L1 # 183

Specht, Johannes Self

Comment Type TR *Comment Status* A

"Wait for invoke from FTTM" in state "WAIT_INVOKE" is misleading. Either remove the text or use "FTTM state machine" instead of "FTTM".

SuggestedRemedy

Per comment.

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Change text to "Wait for invoke from FTTM state machine"

Cl 20 SC 20.3.2.2 P50 L32 # 193

Specht, Johannes Self

Comment Type TR *Comment Status* A

Avoid the use of the word safe in a standard unless the condition or practice referenced by the word safe has been tested under all cases as being, in fact, safe. Typically, this is not the case.

SuggestedRemedy

Delete the paragraph.

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Delete the word "Safely" on P50, L33

Cl 20 SC 20.3.2.2 P50 L35 # 194

Specht, Johannes Self

Comment Type TR *Comment Status* A

Remove ", without further consideration, ". There is no need to state this explicitly, and such statements may result in contradiction with other statements in the current draft or in future.

SuggestedRemedy

Per comment.

Response *Response Status* W

ACCEPT.

Supporting Information P802.1ASed

Cl 6 SC 6.4.3.9 P 19 L 6 # 196

Specht, Johannes Self

Comment Type TR *Comment Status* A

This drafts excessively uses term "trust" (293 matches). In most places, it does not provide a clear technical definition what "trust" means, but rather leaves it a mystery, giving the imression that "trust" is repeatedly used for marketing reasons. However, via the indirection of "specified criteria" and reference to L.5, it turns out that "trust" means that the delta between two synchronized times is within the bounds of tolerances when everything runs within spec. In conjunction with the pair-wise brute force comparison, that appears questionable (e.g., a clique if two outliers can self-attest their correctness). At the end, it appears that "trust" reduces to a RO status variable, but does not really affect the outcoming synchronized time.

SuggestedRemedy

IEEE 802.1AS is a technical standard, not a marketing document. Other locations are more appropriate for marketing messages. Therefore:
Replace the, in rough words, "trust mystery" throughout the document by accurate and explicit technical description and terms.

Response *Response Status* W

ACCEPT IN PRINCIPLE.

Use "trust" throughut the document consistently as defined on line 24-25 of page 45.

Cl 20 SC 20.3.3 P 51 L 28 # 197

Specht, Johannes Self

Comment Type TR *Comment Status* A

The draft introduces two state machines:
1. FTTM state mache
2. TSF state machine
However, one state machine would be sufficient, and the given breakdown overcomplifies the operation. That one state machine could be outlined as follows:
1. Wait for invoke from the clock target
2. Issue Invoke for all PTP Instances
3. Wait until all PTP instances responded
4. Compute the response to the clock target
5. go back to 1.
The computation in step 4 does not need to wait for any event. It can therefore be functions used in th state machine diagram, simiar as it seen in other state machines throughout the base standard.

SuggestedRemedy

Consider simplifying the operation along the lines of the comment.
No further specific suggested remedy was possible due to timeout.

Response *Response Status* U

ACCEPT IN PRINCIPLE.

Remove the requirement to use ClockTargetEventCapture application interface between the DTSF and ITSF. Also, update Figure 20-2 to remove the arrows showing the clockTarget interface between DTSF and ITSF. And update the rest of the document as appropriate.

The rest of the suggested changes are not specific enough to implement.

Motion

- Approve sending P802.1AS-2020-Rev D2.0 to Standards Association ballot

  Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
- P802.1AS-2020-Rev D1.3 had 97.5% approval at the end of the last WG ballot
- In the WG, Proposed: Silvana Rodrigues, Second: Mark Hantel
- Sending draft (y/n/a): 34, 0 , 1
- In EC, mover: Glenn Parsons, Second: David Law
- (y/n/a): <y>,<n>,<a>

Supporting Information P802.1AS-2020-Rev

- WG ballot closed: 11 July 2025
- All WG ballot requirements are met
- The ballot resulted in
  - 0 new Disapprove votes
  - 0 new Required comments
  - 1 Disapprove vote maintained from initial WG ballot associated with 4 outstanding MBS comments
- Comment resolution available here:

  https://www.ieee802.org/1/files/private/as-2020-rev-drafts/d1/802-1AS-2020-Rev-d1-3-dis-v00.pdf

Category (as appears in comment disposition document):	TOTAL (All)	% (ALL)	TOTAL (Voters)	% (Voters)
Yes	40	97.56%	40	97.56%
No	1	2.44%	1	2.44%
Voting Yes or No	41	77.36%	41	82.00%
Abstain Time	1	1.89%	1	2.00%
Abstain Expertise	8	15.09%	8	16.00%
Abstain Other	3	5.66%	0	0.00%
Respondents	53	91.38%	50	86.21%
Responding voting members	50		50	86.21%
Non-voting commenters	0			
No. of commenters	0		0	
No. of comments	0		0	
		Eligible voters	58	
		75% approval?	Yes. Ballot passed.	
		50% response?	Yes. Ballot is valid.	

Supporting Information P802.1AS-2020-Rev

- Voter maintained Disapprove vote from initial WG ballot:
  - Johannes Specht
- MBS comments whose resolution the Disapprove voter is not satisfied with are on the following slides. Four comments are from the recirculation WG ballot on D1.1.

Supporting Information P802.1AS-2020-Rev D1.1

Cl 7 SC 7.4 P51 L9 # 17

Specht, Johannes Self-Funded

Comment Type **TR** *Comment Status* **R**

The issues detailed in comment #64 against D1.0 of this project remain unaltered. Some important questions were pointed out in in the comment, and the commenter believes that an enhancement is necessary.

SuggestedRemedy

DISCUSS
The commenter might be able provide further input subsequently.

Response *Response Status* **U**

REJECT.
No specific remedy was given by the commenter.

Cl 14 SC 14.1.1 P266 L6 # 18

Specht, Johannes Self-Funded

Comment Type **TR** *Comment Status* **A**

The link provided in item 3) of the response to comment #66 against D1.0 does not exist.

SuggestedRemedy

Fix the link/provide the contribution the final comment disposition against D1.0 refers to.

Response *Response Status* **W**

ACCEPT.

Cl 7 SC 7.2.5 P46 L11 # 19

Specht, Johannes Self-Funded

Comment Type **TR** *Comment Status* **R**

Item b) fo the suggested remedy of comment #67 against D1.0 is not satisfied, but the commenter believes that it is necessary.

SuggestedRemedy

DISCUSS
The commenter might be able provide further input subsequently.

Response *Response Status* **U**

REJECT.

No specific remedy was given by the commenter.

Cl 8 SC 8.4.4 P58 L11 # 20

Specht, Johannes Self-Funded

Comment Type **TR** *Comment Status* **A**

The contents of 8.4.4, including its use of "shall", remain an issue as summarized in comment #77 against D1.0.
The rationale provided in the response to comment #77 against D1.0 is insufficient for retaining 8.4.4.

SuggestedRemedy

Delete 8.4.4.

Response *Response Status* **C**

ACCEPT IN PRINCIPLE.

Replace the contents of 8.4.4 as follows:

"IEEE Std 802.1AS messages can be delayed in internal queues depending on their transmission priority relative to other frames. IEEE Std 802.1AS messages are sensitive to delays, and long bursts of other traffic can cause loss of synchronization due to gPTP timeouts. Delays caused by queues on the IEEE Std 802.1AS messages effectively increases residence time, which degrades achievable time accuracy."

Motion

- Approve sending P802.1CB-2017/Cor1 D2.0 to Standards Association ballot

  Note: there is no CSD statement since this maintenance project is not intended to provide any new functionality
- P802.1CB-2017/Cor1 D1.1 had 100% approval at the end of the last WG ballot
- In the WG, Proposed: Christophe Mangin, Second: Mark Hantel
- Sending draft (y/n/a): 33, 0 ,1
- In EC, mover: Glenn Parsons, Second: David Law
- (y/n/a): <y>,<n>,<a>

Supporting Information for P802.1CB-2017/Cor 1

- WG ballot closed: 7 July 2025
- All WG Ballot requirements are met
- The ballot resulted in
  - 0 new Disapprove votes
  - 0 new Required comments
  - 0 maintained Disapprove votes
- Comment resolution available here: https://www.ieee802.org/1/files/private/cb-cor-1-drafts/d1/802-1CB-2017-Cor1-d1-1-dis-v01.pdf

CATEGORY	All respondents		Voters	
	TOTAL	%	TOTAL	%
Yes[a]	28	100	28	100
No	0	0	0	0
Voting Yes or No	28	68.3	28	68.3
Abs. Expertise	9	22.0	9	22.0
Abs. Time	3	7.3	3	7.3
Abs. Other	1	2.4	1	2.4
Respondents[b]	41	74.5	41	74.5
Voters	41		41	74.5
Non-voting commenters	0			
No. of commenters	0		0	
No. of comments	0		0	
Eligible voters	55			
75% approval ?	Yes, ballot passed			
50% response ?	Yes, ballot is valid			

802.1 Motions

Consent Agenda

Drafts to RevCom

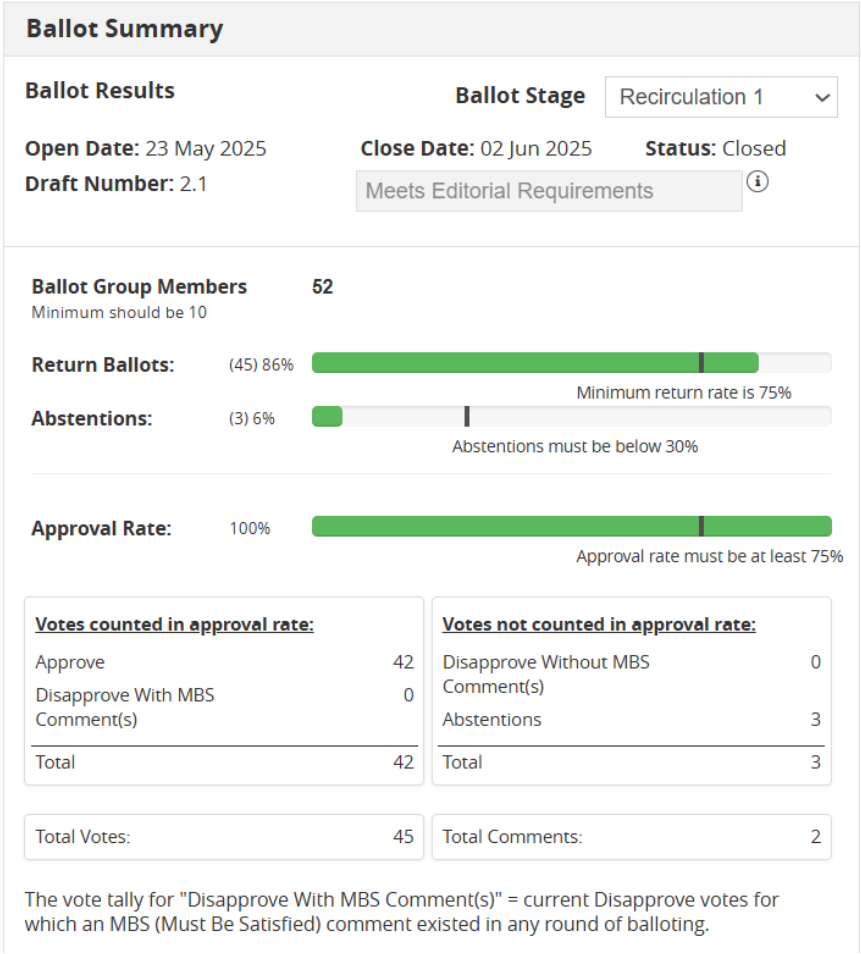
Motion

- Approve sending P802.1AXdz to RevCom
- Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/23/ec-23-0238-00-ACSD-p802-1axdz.pdf
- P802.1AXdz D2.1 had 100% approval at the end of the last SA recirculation ballot
  - In the WG, Proposed: János Farkas, Second: Johannes Specht
    - forwarding draft to RevCom (y/n/a): 32, 0 ,2
    - CSD (y/n/a): 32, 0, 1
  - In EC, mover: Glenn Parsons, Second: David Law
    - (y/n/a): <y>,<n>,<a>

Supporting Information P802.1AXdz

- SA ballot closed: 02 Jun 2025
- All SA ballot requirements are met
- The ballot resulted in
  - 0 Disapprove votes
  - 0 MBS comments
- Ballot disposition is available here:

https://www.ieee802.org/1/files/private/axdz-drafts/d2/802-1AXdz-d2-1-dis-v01.pdf



Ballot Summary

Ballot Results **Ballot Stage** Recirculation 1

Open Date: 23 May 2025 **Close Date:** 02 Jun 2025 **Status:** Closed

Draft Number: 2.1 Meets Editorial Requirements

Ballot Group Members 52
Minimum should be 10

Return Ballots: (45) 86%
Minimum return rate is 75%

Abstentions: (3) 6%
Abstentions must be below 30%

Approval Rate: 100%
Approval rate must be at least 75%

Votes counted in approval rate:	
Approve	42
Disapprove With MBS Comment(s)	0
Total	42

Votes not counted in approval rate:	
Disapprove Without MBS Comment(s)	0
Abstentions	3
Total	3

Total Votes:	45
Total Comments:	2

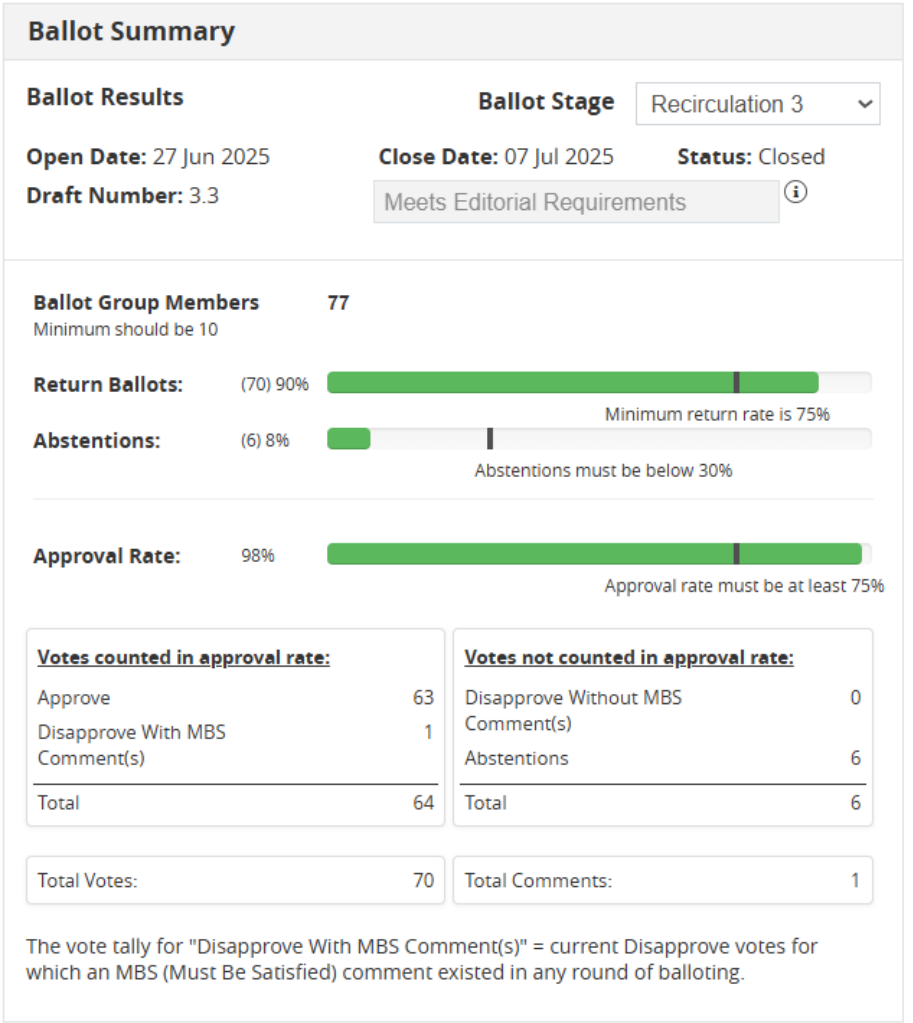
The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.

Motion

- Approve sending P802.1DP to RevCom
- Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/21/ec-21-0096-00-ACSD-p802-1dp.pdf
- P802.1DP D3.3 had 98% approval at the end of the last SA recirculation ballot
  - In the WG, Proposed: János Farkas, Second: Stephan Kehrer
    - forwarding draft to RevCom (y/n/a): 33, 0 ,1
    - CSD (y/n/a): 33, 0, 2
  - In EC, mover: Glenn Parsons, Second: David Law
    - (y/n/a): <y>,<n>,<a>

Supporting Information P802.1DP

- SA ballot closed: 07 July 2025
- All SA ballot requirements are met
- The ballot resulted in
  - 0 new Disapprove votes
  - 0 new MBS comments
  - 1 Disapprove vote associated with 4 MBS comments maintained from the initial SA ballot on D3.0
- Ballot dispositions are available here:
  - D3.3: https://www.ieee802.org/1/files/private/dp-drafts/d3/802-1DP-d3-3-dis-v01.pdf
  - D3.0: https://www.ieee802.org/1/files/private/dp-drafts/d3/802-1DP-d3-0-dis-v01.pdf (4 MBS comments, see also on the following slides)



Ballot Summary

Ballot Results — **Ballot Stage**: Recirculation 3

Open Date: 27 Jun 2025 — **Close Date:** 07 Jul 2025 — **Status:** Closed

Draft Number: 3.3 — Meets Editorial Requirements

Ballot Group Members 77
Minimum should be 10

Return Ballots: (70) 90%
Minimum return rate is 75%

Abstentions: (6) 8%
Abstentions must be below 30%

Approval Rate: 98%
Approval rate must be at least 75%

Votes counted in approval rate:	
Approve	63
Disapprove With MBS Comment(s)	1
Total	64

Votes not counted in approval rate:	
Disapprove Without MBS Comment(s)	0
Abstentions	6
Total	6

Total Votes:	70
Total Comments:	1

The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.

Supporting Information P802.1DP

- Voter maintaining Disapprove vote from former ballot:
  - Benjamin Rolfe

- MBS comments associated with the Disapprove vote are on the following slides

Supporting Information P802.1DP

Cl **5** *SC* **5.2** *P* **21** *L* **25** # I-39

Rolfe, Benjamin — Blind Creek Associates

Comment Type **TR** *Comment Status* **R**

Incorrect use of "shall" specifying a mandatory behavior outside the scope of the standard (2 times in this paragraph).
The scope of this standard as approved by IEEE-SA is:
This standard specifies profiles of IEEE 802.1 Time-Sensitive Networking (TSN) and IEEE 802.1 Security standards for aerospace onboard bridged IEEE 802.3 Ethernet networks. The profiles select
features, options, configurations, defaults, protocols, and procedures of bridges, end stations, and Local Area Networks
to build deterministic networks for aerospace onboard communications.
"The supplier of an implementation" is not in the scope of this standard.

SuggestedRemedy

Replace paragraph with:
The supplier of an implementation that is claimed to conform to this standard is requested to provide the information
necessary to identify both the supplier and the implementation, and complete a copy of the relevant
PCS proforma provided in Annex A of this standard, together with the Protocol Implementation
Conformance Statements (PICS) for the referenced standards, as identified in the PCS.

Response *Response Status* **W**

REJECT.

Each IEEE 802 standard properly contains (in addition to the mandatory, optional, and recommended requirements for implementations for which conformance to the standard is to be claimed) requirements on the use of the standard and related activities.

The PCS is normative because it specifies the requirement that a supplier of an implementation *shall* complete a PCS to make a claim of conformance to this standard. A normative PICS or PCS is an important and well established part of IEEE 802 standards and their adoption by ISO going back (at least) to IEEE Std 802.1D-1990. The referenced text "The supplier … Implementation that is claimed to conform … shall complete … the PICS proforma" is used in the base standard (802.1AE-2018), in IEEE Stds 802.1Q, 802.1AR, 802.1AS, 802.1AX, 802.1BA, 802.1CB, 802.1CM, and 802.1X. The normative requirement (with "shall") is also stated for all the capabilities standardized in IEEE Std 802.3-2022 with 179 instances of "supplier … shall complete", for IEEE Std 802.11-2020 ("supplier of a protocol implementation that is claimed to comply with IEEE Std 802.11-2020 shall complete the …PICS…"), in the PICS annexes for IEEE Stds 802.15.1-2002, 802.15.3.2003, and 802.15.4-2015, and in 802.21-2009. In all cases it is important have a definitive statement of implemented provisions in a given implementation when a supplier claims conformance.

Supporting Information P802.1DP

Cl A SC A P 52 L 1 # I-40

Rolfe, Benjamin Blind Creek Associates

Comment Type **TR** *Comment Status* **R**

According the IEEE-SA Operations Manual, "Normative material is information required to implement the standard and is therefore officially part of the standard. Informative material is provided for information only and is therefore not officially part of the standard." This annex does not define any valid requirements within the scope of this standard. This annex enumerates requirements defined elsewhere within the standard. This is informative material. which supports using the standard. This will also fix the problems with "may" and "should" which appear in this annex describing actions an d events outside the scope of this standard (there's a bunch).

Side note: if you make it informative, it is "not officially part of the standard" and so the the inappropriate use of "shall" throughout this annex (stating requirements out of scope of this standard) are no longer wrong, as the informative annex is not officially part of the standard ;-)

SuggestedRemedy

Change "normative" to "informative"

Response *Response Status* **W**

REJECT.

Each IEEE 802 standard properly contains (in addition to the mandatory, optional, and recommended requirements for implementations for which conformance to the standard is to be claimed) requirements on the use of the standard and related activities.

This Annex is normative because it specifies the requirement that a supplier of an implementation *shall* complete a PCS to make a claim of conformance to this standard. A normative PICS or PCS is an important and well established part of IEEE 802 standards and their adoption by ISO going back (at least) to IEEE Std 802.1D-1990. The referenced text "The supplier … Implementation that is claimed to conform … shall complete … the PICS proforma" is used in the base standard (802.1AE-2018), in IEEE Stds 802.1Q, 802.1AR, 802.1AS, 802.1AX, 802.1BA, 802.1CB, 802.1CM, and 802.1X. The normative requirement (with "shall") is also stated for all the capabilities standardized in IEEE Std 802.3-2022 with 179 instances of "supplier … shall complete", for IEEE Std 802.11-2020 ("supplier of a protocol implementation that is claimed to comply with IEEE Std 802.11-2020 shall complete the …PICS…"), in the PICS annexes for IEEE Stds 802.15.1-2002, 802.15.3.2003, and 802.15.4-2015, and in 802.21-2009. In all cases it is important have a definitive statement of implemented provisions in a given implementation when a supplier claims conformance.

Cl 1 SC 1.3 P 17 L 77 # I-41

Rolfe, Benjamin Blind Creek Associates

Comment Type **GR** *Comment Status* **A**

The first sentence of this paragraph seems odd (and probably "should" is incorrectly used): "Aerospace OEMs and suppliers at all tiers should be able to use this standard to specify and design the network and network components required to implement the systems and functions required by aerospace platforms."

in particular "should be able to" is a red flag that this is probably incorrect use of normative language. In context the intent appears to be not to recommend, but to state the fact (it is possible to use this standard for the stated purpose), and perhaps even an intent of the standards development group (that this standard be used for the stated purpose).

SuggestedRemedy

Change to:
Consistent with the purpose of this standard, Aerospace OEMs and suppliers at all tiers are able to use this standard to specify and design the
network and network components required to implement the systems and functions required by aerospace
platforms.

Response *Response Status* **W**

ACCEPT IN PRINCIPLE.

Change to:

"Consistent with the purpose of this standard, Aerospace OEMs and suppliers at all tiers are able to use this standard to specify and design the
network and network components required to implement the systems and functions on aerospace platforms."

Supporting Information P802.1DP

Cl **2** *SC* **2** *P* **18** *L* **6** # I-42

Rolfe, Benjamin — Blind Creek Associates

Comment Type **TR** *Comment Status* **A**

Most of the listed standards are not cited in this standard. According to the IEEE SA Operations Manual (6.4.6), "Each normative reference shall be cited, and the role and relationship of each normative reference shall be explained in the body of the standard.".
IEEE Std 802 is not cited in normative text. It appears only in clause 3 which per the IEEE SA operations manual shall not contain requirements. Also, you should not be repeating definitions from other standards, as that creates duplication in the IEEE standards dictionary.
IEEE Std 802.1AC is not cited in this standard.
IEEE Std 802.3 is not (properly) cited in this standard: it appears in the front matter and the Purpose clause, but not used in normative context.
IETF RFC 7950 is not cited anywhere in this standard.
IETF RFC 8343 is not cited in this standard.

SuggestedRemedy

Move IEEE Std 802 to the bibliography and consider updating the reference to the current version of the standard.
Remove IEEE Std 802.1AC from clause 2.
Remove IEEE Std 802.3 from clause 2.
Remove IETF RFC 7950 and 8343 from clause 2.

Response *Response Status* **W**

ACCEPT IN PRINCIPLE.

Move IEEE Std 802 to the bibliography.

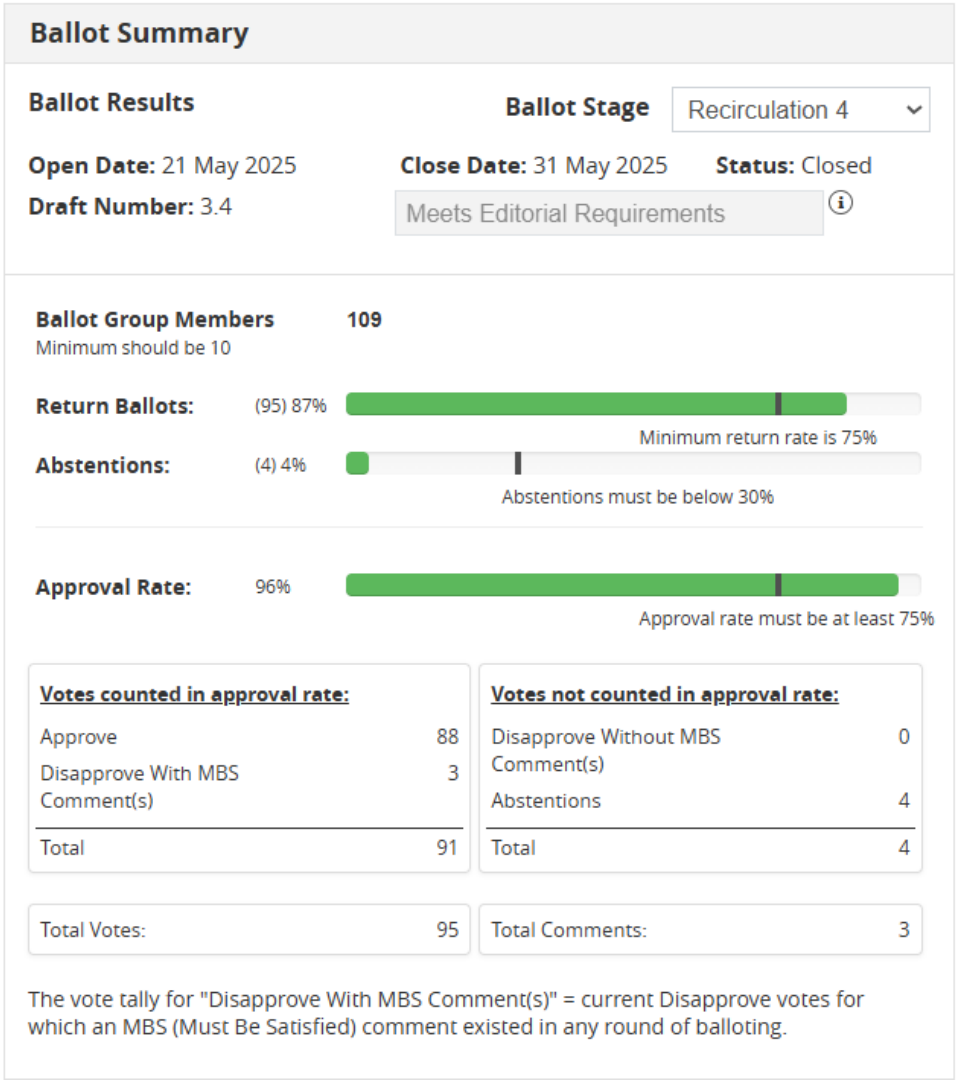
Remove IEEE Std 802.1AC from clause 2.
Remove IEEE Std 802.3 from clause 2.
Remove IETF RFC 7950 and 8343 from clause 2.

Motion

- Approve sending P60802 to RevCom
- Approve CSD documentation in https://mentor.ieee.org/802-ec/dcn/18/ec-18-0088-01-ACSD-p60802.pdf
- P60802 D3.4 had 96% approval at the end of the last SA recirculation ballot
  - In the WG, Proposed: János Farkas, Second: Mark Hantel
    - forwarding draft to RevCom (y/n/a): 32, 1, 4
    - CSD (y/n/a): 33, 1, 3
  - In EC, mover: Glenn Parsons, Second: David Law
    - (y/n/a): <y>,<n>,<a>

Supporting Information P60802

- SA ballot closed: 31 May 2025
- All SA ballot requirements are met
- The ballot resulted in
  - 1 new Disapprove vote associated with 3 MBS comments out of scope
  - 2 Disapprove votes associated with 5 MBS comments maintained from former ballots
- Ballot dispositions are available here:
  - D3.4:https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-4-dis-v01.pdf (3 MBS comments, see also on the following slides)
  - D3.3:https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-3-dis-v01.pdf (2 MBS comments, see also on the following slides)
  - D3.0:https://www.ieee802.org/1/files/private/60802-drafts/d3/60802-d3-0-dis-v01.pdf (3 MBS comments, see also on the following slides)



Ballot Summary

Ballot Results **Ballot Stage** Recirculation 4

Open Date: 21 May 2025 **Close Date:** 31 May 2025 **Status:** Closed

Draft Number: 3.4 Meets Editorial Requirements

Ballot Group Members 109
Minimum should be 10

Return Ballots: (95) 87%
Minimum return rate is 75%

Abstentions: (4) 4%
Abstentions must be below 30%

Approval Rate: 96%
Approval rate must be at least 75%

Votes counted in approval rate:	
Approve	88
Disapprove With MBS Comment(s)	3
Total	91

Votes not counted in approval rate:	
Disapprove Without MBS Comment(s)	0
Abstentions	4
Total	4

Total Votes:	95
Total Comments:	3

The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.

Supporting Information P60802

- Voter with new Disapprove vote:
  - Bo Sun
- Voters maintaining Disapprove vote from former ballots:
  - Sven Meier (from SA recirculation ballot on D3.3 and from initial SA ballot on D3.0)
  - C Huntley (from initial SA ballot on D3.0)
- MBS comments associated with the Disapprove votes are on the following slides

Supporting Information P60802

Cl 4 SC 4.1 P24 L851 # R4-1

Sun, Bo Sanechips Technology Co., Ltd

Comment Type **TR** *Comment Status* **R**

The updated text before the Fig-1 has indicated the fig is an exmaple instead of a general restriction. Therefore the title of Fig-1 should be updated to clearly indicate it's an demonstration of an example of a control loop with the data flow inside.

SuggestedRemedy

Change the title of Fig -1 to "Example of a control loop with internal data flow".

Response *Response Status* **W**

REJECT. This comment is out of scope as it is on an unchanged portion of the draft.

Cl 4 SC 4.2.1 P25 L911 # R4-2

Sun, Bo Sanechips Technology Co., Ltd

Comment Type **TR** *Comment Status* **R**

In the first paragraph of sub-clause 4.2.1, it's stated that the Figure-2 shows an industry application, indicating it's an example instead of a general restriction. Therefore, the title of Figure-2 should be updated to clearly indicate it's a demonstration of an example.

Besides, there's no narrative to describe or explain the Figure-2, even though Figure-2 shows a pretty complex architecuture and organization.

SuggestedRemedy

Modify the title of Figure-2 to indicate it's an example instead of general restriction. And add narrative to explain how the system indicated by Figure-2 works.

Response *Response Status* **W**

REJECT. This comment is out of scope as it is on an unchanged portion of the draft.

Cl 4 SC 4.2.1 P27 L913 # R4-3

Sun, Bo Sanechips Technology Co., Ltd

Comment Type **TR** *Comment Status* **R**

In the first paragraph of sub-clause 4.2.1, it's stated that the Figure-3 shows an industry application, indicating it's an example instead of a general restriction. Therefore, the title of Figure-3 should be updated to clearly indicate it's a demonstration of an example.

Besides, there's no narrative to describe or explain the Figure-3, even though Figure-3 shows a pretty complex architecuture and organization.

SuggestedRemedy

Modify the title of Figure-3 to indicate it's an example instead of general restriction. And add narrative to explain how the system indicated by Figure-3 works.

Response *Response Status* **W**

REJECT. This comment is out of scope as it is on an unchanged portion of the draft.

Supporting Information P60802

Cl **0** *SC* **0** *P* *L* # R3-1

Meier, Sven NetTimeLogic GmbH

Comment Type **GR** *Comment Status* **R**

In my point of view this standard defines unrealistic requirements and in general an overkill way bejond what is required for Industrial communication. The goal was to have a common set of TSN features that must be fullfilled for Industrial communication but as the standard is right now there is basically no existing TSN infrastructure that can satisfy the full standard as such. This will either lead to a scenario where vendors will kind of create a subset of it which is not the idea of Profile, making profiles of profiles or even worse create again incompability since vendors are simply not able to fullfill a lot of the requirements defined.
The strength of this should have been in simplicity taking only the realy essential parts of TSN which are needed for Industrial communication rather than making the blown up thing it is right now.

SuggestedRemedy

Strip the profile down to the realy essential parts and not having all thoses nice to have things in there. Looking at the existing Realtime Ethernet Solutions which shall basically be replaced by TSN it should be clear that this profile is an overkill and must be stripped down to the essentials.

Response *Response Status* **W**

REJECT. As the comment does not provide a proposed change, from a process perspective it is rejected.

Supporting Information P60802

Cl **0** SC **0** P**17** L # I-101

Huntley, C SEL

Comment Type **ER** *Comment Status* **R**

The use of "Grandmaster" when there is no "Master" is not acceptable.
Note that there is no mandate from IEEE to not use "Master"
There is an overwhelming anger in the IEEE WG to this ridiculous change, causing much confusion to those involved in the many challenges of implementing and using 1588.

SuggestedRemedy

Please restore the IEEE 1588 use of the term "Master" and "Slave"

Response *Response Status* **W**

REJECT. IEEE Std 802.1AS have been amended to use inclusive terminology. IEEE Std 1588 has been amended to allow usage of alternative terminology.

Cl **0** SC **0** P L # I-213

Meier, Sven NetTimeLogic GmbH

Comment Type **GR** *Comment Status* **R**

Way to narrowed down standard, chance that any actual implementation will be 100% compliant with all requirements are low.
Especially the time synchronization requirements, a lot of them can not be satisfied by current HW (accuracy and conceptual wise).
The goal should have been to find the real base requirements which need to be satisfied and these requirements are way off from what is typically needed for industrial network.
In my point of view this standard should have been a defacto alternative to other realtime-industrial ethernet networks like Profinet, Powerlink, Ethercat ... and not a whish list which can not be satisfied without throwing all existing (which is still not a lot) HW away and start from scratch. As a profile it shall be a subset and not a superset.

SuggestedRemedy

Response *Response Status* **W**

REJECT. As the comment does not provide a proposed change, from a process perspective it is rejected.

Cl **4** SC **4.5** P**30** L**873** # I-120

Huntley, C SEL

Comment Type **TR** *Comment Status* **R**

"scheduled time slots" are arguably the most important technology for achieving a deterministic latency for critical-latency traffic, but the algorithm to achieve this is missing.

SuggestedRemedy

Add an annex to cover all the issues to support "scheduled time slots", including algorithms and proven use cases.

Response *Response Status* **W**

REJECT. No specific remedy provided. It is not the role of this document to specify specific implementations. Mechanisms for achieving "scheduled time slots" are clearly specified in Clause 5.

Cl **5** SC **5.7.2** P**49** L**1571** # I-121

Huntley, C SEL

Comment Type **ER** *Comment Status* **R**

"transmission selection timing point" is not defined

SuggestedRemedy

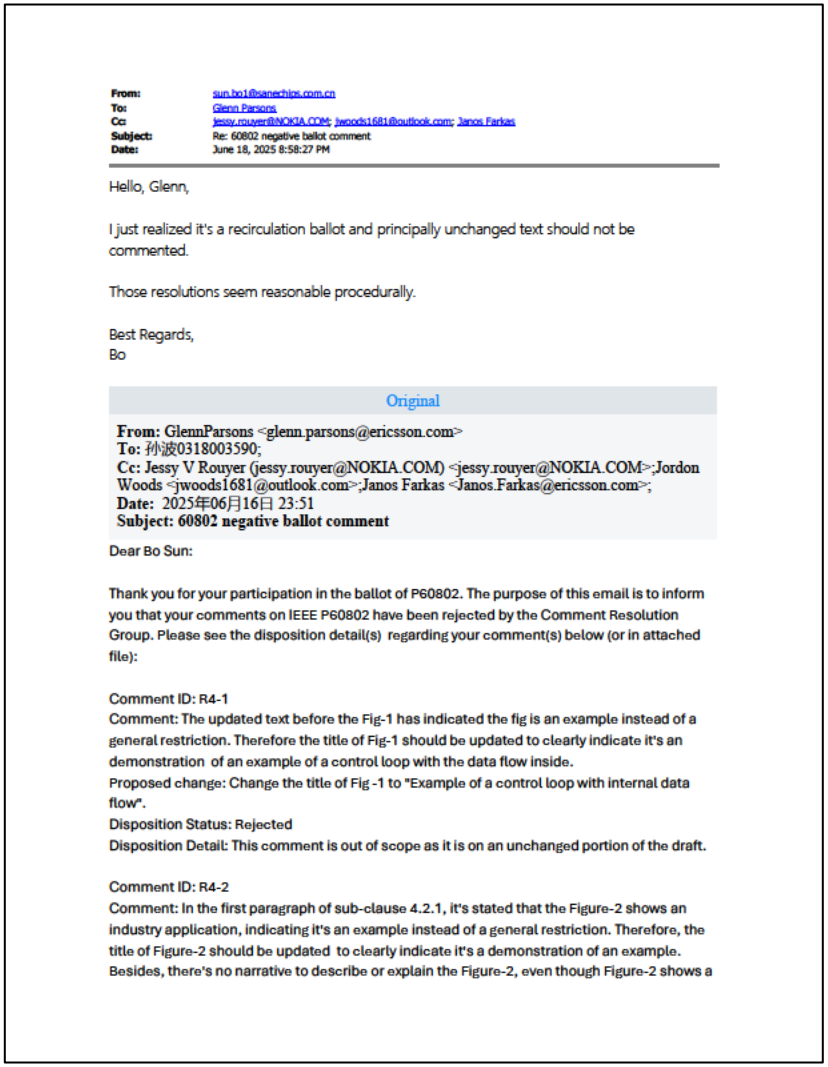
Add definition for "transmission selection timing point"

Response *Response Status* **W**

REJECT. The "transmission selection timing point" is shown in 802.1Q-2022, figure 12-6 which is referenced.

Supporting Information P60802

- Notification to new MBS balloter (Bo Sun) that comments are out of scope



From: sun.bo1@sanechips.com.cn
To: Glenn Parsons
Cc: jessy.rouyer@NOKIA.COM; jwoods1681@outlook.com; Janos Farkas
Subject: Re: 60802 negative ballot comment
Date: June 18, 2025 8:58:27 PM

Hello, Glenn,

I just realized it's a recirculation ballot and principally unchanged text should not be commented.

Those resolutions seem reasonable procedurally.

Best Regards,
Bo

Original

From: GlennParsons <glenn.parsons@ericsson.com>
To: 孙波0318003590;
Cc: Jessy V Rouyer (jessy.rouyer@NOKIA.COM) <jessy.rouyer@NOKIA.COM>;Jordon Woods <jwoods1681@outlook.com>;Janos Farkas <Janos.Farkas@ericsson.com>;
Date: 2025年06月16日 23:51
Subject: 60802 negative ballot comment

Dear Bo Sun:

Thank you for your participation in the ballot of P60802. The purpose of this email is to inform you that your comments on IEEE P60802 have been rejected by the Comment Resolution Group. Please see the disposition detail(s) regarding your comment(s) below (or in attached file):

Comment ID: R4-1
Comment: The updated text before the Fig-1 has indicated the fig is an example instead of a general restriction. Therefore the title of Fig-1 should be updated to clearly indicate it's an demonstration of an example of a control loop with the data flow inside.
Proposed change: Change the title of Fig -1 to "Example of a control loop with internal data flow".
Disposition Status: Rejected
Disposition Detail: This comment is out of scope as it is on an unchanged portion of the draft.

Comment ID: R4-2
Comment: In the first paragraph of sub-clause 4.2.1, it's stated that the Figure-2 shows an industry application, indicating it's an example instead of a general restriction. Therefore, the title of Figure-2 should be updated to clearly indicate it's a demonstration of an example. Besides, there's no narrative to describe or explain the Figure-2, even though Figure-2 shows a

802.1 Motions

Consent Agenda

Liaisons and external communications (ME)

Motion

- Approve submission of the comment responses to SC6 for ballot comments received on ISO/IEC JTC1 SC6 on:
  - IEEE Std 802.1Qdy
    https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponseQdy-0725.pdf
  - IEEE Std 802
    https://www.ieee802.org/1/files/public/docs2025/liaison-SC6CommentResponse802-0725.pdf

- In the WG, Proposed: Mark Hantel Second: Karen Randall
  - Sending (y/n/a): 31, 0, 4
- In EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve Sending standard(s) to ISO/IEC JTC1 SC6 for information under the PSDO agreement, when SA ballot starts:
  - P802.1AS-2020-Rev, P802.1ASed, P802.1CB-2017/Cor1

- In the WG, Proposed: Mark Hantel Second: Karen Randall
  - Sending draft (y/n/a): 32, 0, 2

- In EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve Sending standard(s) to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, when published:
  - IEEE Std 802.1DP, IEEE Std 802.1AXdz

- In the WG, Proposed: Mark Hantel Second: Karen Randall
  - Sending (y/n/a): 32, 0, 2
- In EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve liaison response to ITU-T SG15 on OTNT Standardization Work Plan Issue 35, https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG15-LS26-OTNTStdznWorkPlan35-0725.pdf, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - This approval is under LMSC OM "Procedure for public statements to government bodies."

- In the WG, Proposed: Mark Hantel Second: Karen Randall
  - Sending (y/n/a): 33, 0, 3

- In EC, mover: Glenn Parsons Second: David Law
  - (y/n/a): <y>,<n>,<a>

Motion

- Approve https://www.ieee802.org/1/files/public/docs2025/liaison-response-itu-t-SG13-LS35-DetermNetwrking-0725-v01.pdf as communication to ITU-T SG13 granting the IEEE 802.1 WG chair (or his delegate) editorial license.
  - This approval is under LMSC OM “Procedure for public statements to government bodies”

- In the WG (y/n/a): 33, 0, 3
  - Proposed: János Farkas, Second: Scott Mansfield

- In EC, mover: Glenn Parsons, Second: David Law
  - (y/n/a): <y>,<n>,<a>

802.1 Motions

Consent Agenda

Liaisons and external communications (II)

Motion

- Approve sending https://www.ieee802.org/1/files/public/docs2025/liaison-response-BBF705-YANG-0725.pdf to BBF, granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG, Proposed: Mark Hantel Second: Karen Randall
  - Sending (y/n/a): 31, 0, 4
- In EC for information

Motion

- Approve sending https://www.ieee802.org/1/files/public/docs2025/liaison-UEC-coordination-0725.pdf to UEC, granting the IEEE 802.1 WG chair (or his delegate) editorial license.

- In the WG, Proposed: Lily Lyu Second: Paul Bottorff
  - Sending (y/n/a): 29, 0, 5
- In EC for information

Motion

- Approve making P802.1ASed Draft 2.3 available for purchase.

- In the WG, Proposed: Janos Farkas Second: Jessy Rouyer
  - Sending (y/n/a): 34, 0, 1
- In EC for information

802.1 agenda items for LMSC Closing Plenary

July 2025

(V1 – 802.1 version #)

802.1 Motions
2025-07

Regular Agenda

Liaisons and external communications (II)

Motion

- Approve sharing IEC/IEEE 60802 Draft 3.4 with OPC Foundation.

- Proposed: János Farkas
- Second: Dieter Proell

- In the WG (y/n/a): 36, 0, 1

- In the EC, for information

Administrative

WG MOTIONS

Minutes Motion

- 802.1 approves:
  - March 2025 (plenary) session minutes:
    - https://www.ieee802.org/1/files/public/minutes/2025-03-minutes.pdf
  - May 2025 (interim) session minutes:
    - https://www.ieee802.org/1/files/public/minutes/2025-05-minutes.pdf
- Proposed: Jessy Rouyer
- Seconded: Scott Mansfield
- 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
- Approved by acclamation

Future meetings table

Subgroup	Topic	Date	Time	Recurrence	Date annoucements (days prior)	Agenda (days prior)	Agenda	Access Information
YANGsters	per agenda	Tue 2025-08-12	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	per agenda	Mon 2025-11-10	8:00 - 10:00 local	none	motion	14 days	https://1.ieee802.org/category/maintenance-tg-agenda/	https://1.ieee802.org/meetings/
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 2025-11-10	8:00 - 10:00 local	none	motion	14 days	https://1.ieee802.org/category/tsn-tg-agenda/	https://1.ieee802.org/meetings/
TSN TG	per agenda	Mon 2025-08-18	10:00 - 12:00 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
Nendica	per agenda	Thu 2025-08-21	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/

Nendica

WG MOTIONS

YANGsters

WG MOTIONS

Maintenance TG

WG MOTIONS

Motion

- 802.1 authorizes Paul Bottorff, the Editor of P802.1AB-2016-Revision – Station and Media Access Control Connectivity Discovery, to prepare drafts for and conduct Working Group balloting.

- Proposed: Mark Hantel
- Second: Karen Randall

- In the WG (y/n/a): 35, 0, 1

Motion

- 802.1 conditionally authorizes Scott Mansfield, the Editor of P802.1X-2020/Cor1 – Port-Based Network Access Control to prepare drafts for and conduct Working Group balloting after the SASB approval of the PAR.

- Proposed: Mark Hantel
- Second: Karen Randall

- In the WG (y/n/a): 33, 0, 2

Security TG

WG MOTIONS

133

Motion

- 802.1 authorizes the Security Task Group to generate a PAR and CSD at the September 2025 interim session for pre-circulation to the LMSC for an amendment to IEEE Std 802.1AE MAC Security (MACsec) adding an AsconAEAD128 based Cipher Suite.
- Proposed: Mick Seaman
- Second: Karen Randall

- In the WG (y/n/a): 32, 1, 2

Motion

- 802.1 authorizes the Security Task Group to generate a PAR and CSD at the September 2025 interim session for pre-circulation to the LMSC for an amendment to 802.1AR providing support for Device IDs utilizing cryptographic binding based on Module-Lattice-Based Digital Signatures (ML-DSA).
- Proposed: Paul Bottorff
- Second: Maik Seewald

- In the WG (y/n/a): 33, 0, 2

TSN TG

WG MOTIONS

Motion

- 802.1 authorizes the TSN TG to generate PAR modification to the P802.1CBec “Guidance for Sequence Recovery Function Parameter Configuration” project at the September 2025 interim session for pre-circulation to the LMSC.

- Proposed: János Farkas
- Second: David McCall
- In the WG (y/n/a): 35, 0, 2

Any Other Business ?