IEEE 802.1

Opening Plenary November 2023

Glenn Parsons – IEEE 802.1 WG Chair

glenn.parsons@ericsson.com

802.1 plenary agenda

Monday, November 13th 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, November 17th 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.

NOVEMBER 2023 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
- Appear in WebEx as "Meeting Room"
- Broadcast meeting room audio
- Mute or remove noisy lines
- Monitor the WebEx queue

The chair runs the meeting

- Responsible for recognizing people in two queues
  - In person at the mic
  - On WebEx (assisted by facilitator)
- May not follow the WebEx chat

All presenters present via WebEx
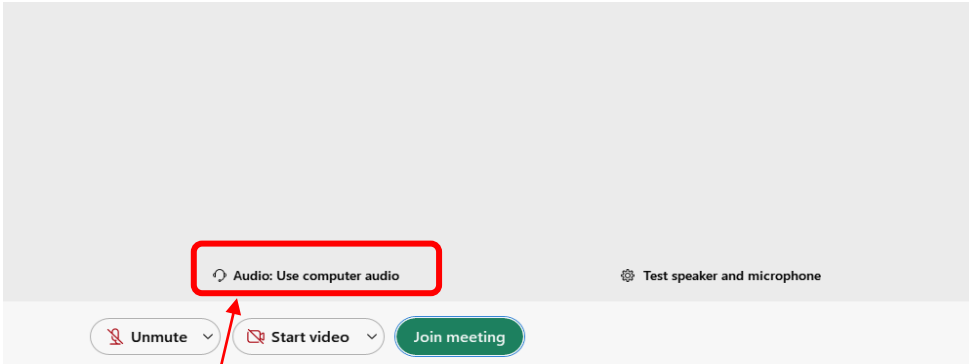
If you are in-person, you may join WebEx to

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

If you are in-person and join WebEx
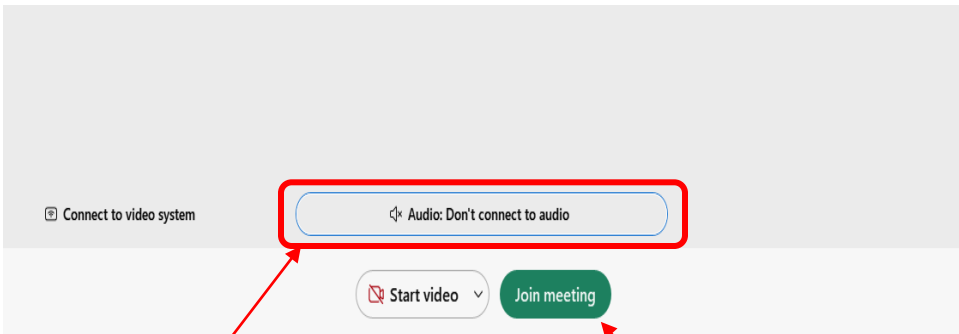
- **DO NOT connect to the audio**
- After you **accept** the IEEE SA terms
- Before you **click join meeting**
- Change your audio:

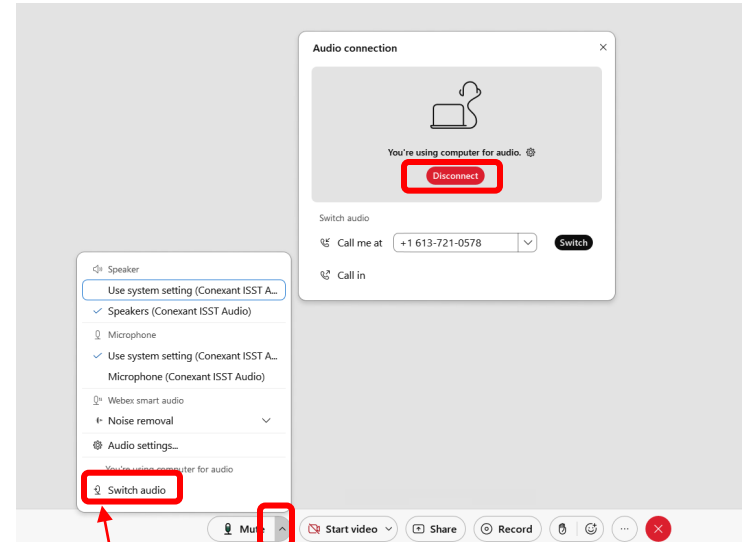🔇 Audio: Don't connect to audio

YET TO JOIN

Select: "**Audio Use Computer Audio**"

From the selection choose: "**Don't Connect to Audio**"

Once completed: join meeting

ALREADY JOINED

Click on: ^
Select: "**Switch audio**"
Select "**Disconnect**"

ELECTRONIC MEETING 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
- Right-click on name to edit
  - (may also provide in Chat window)

Changing your login in Webex

Step 1

- Go to the "Display hidden icons" arrow in the Windows task bar
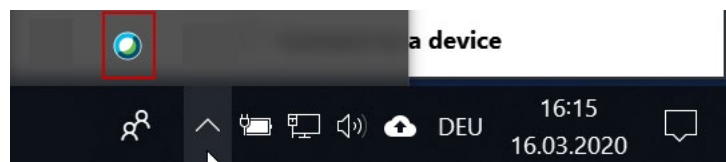
- Right-click on the Webex icon and select "Open Cisco Webex Meetings"

Step 2

- In the Webex Windows that opens, Click on the pencil icon* next to your display information

(*) May need to Exit Webex via the cog wheel and restart the desktop Webex app to see the pencil icon. May also need to log in as guest.

DECORUM

PHONE | **VIDEO** | **PHOTO** | **AUDIO**
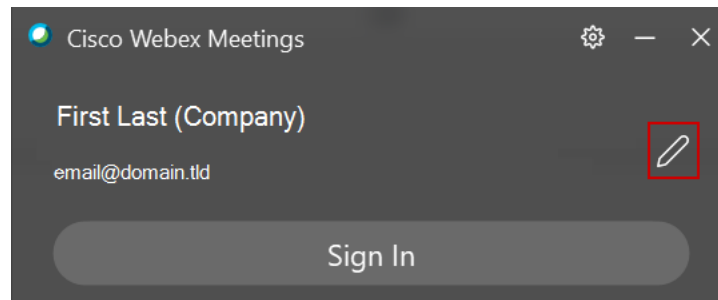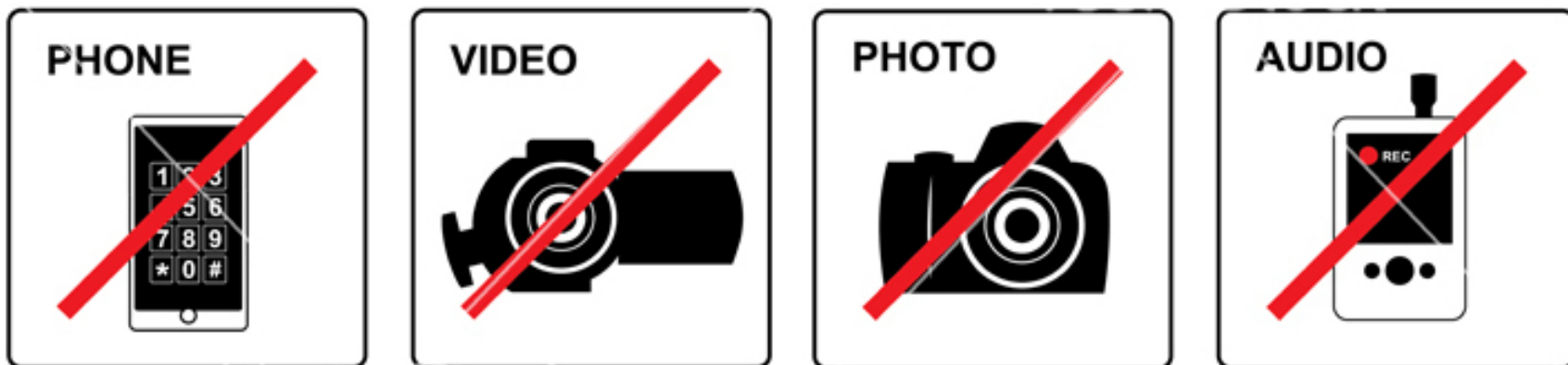
- **Press (i.e., anyone reporting publicly on this meeting) are to announce their presence** *(5.3.3.3 of SASB Operations Manual)*

- **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**

IEEE SA STANDARDS ASSOCIATION

◆IEEE

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 yet have an IEEE Account.**

Schedule	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
TSN TG						🟨											

Please record your attendance for an active meeting (denoted by a yellow bar) by clicking on the yellow bar. Once your attendance has been recorded, the yellow bar changes to a green bar.

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.**

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

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 <u>shall</u> 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 <u>should</u> 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

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" http://www.ieee802.org/1/files/public/templates/admin-TG-intro-0721-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" http://www.ieee802.org/1/files/public/templates/admin-prePAR-intro-0721-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 November 2023 Plenary Session requires registering and paying the appropriate fee
  - Early $US 800.00 until September 22, 2023
  - Standard $US 1100.00 After September 22 until October 27, 2023
  - Late/Onsite $US 1400.00 after October 27, 2023

- Registration details http://802world.org/plenary/

- Fee waivers may be granted in advance, exceptionally
  - By WG chair for remote participation
  - By EC for in-person participation

- WiFi: SSID – IEEE802 Password - ieeeieee

Food Logistics

- Daily breaks available in the Coral Lounge.
  - Light Breakfast: 7:15 AM - 8:15 AM
  - Morning Beverages: 9:50 AM - 10:35 AM
  - Afternoon Beverage and Snack: 3:00 PM - 4:00 PM
- Lunch is included
  - show name badge at Coral III
  - 12:00 PM - 1:30 PM

- Aloha Garden Party
  - Wednesday, November 15th 6:30 PM - 8:30 PM
    - Great Lawn
    - Casual Hawaiian party with Food, Drinks, and Musical entertainment.

RAINBOW TOWER

Rainbow S

Lappert's

Rainbow Bazaar

Fresco Italian Restaurant

Hatsuhana

RoundTable Pizza

Social Event Wednesday November 15th 6:30 -8:30 PM

Duke K

MP Office

Registration, Lunch, Meeting Space

CJ's Deli

Parking Entrance

The Great Lawn

Lagoon Drive

Mid-Pacific Conference Center 6th Floor

Coral Ballroom
Coral Lounge
Nautilus Suite
Sea Pearl Suite
South Pacific Ballroom

Registration

Office

General Information

- Meeting contributions
  - http://ieee802.org/1/filenaming.html
  - Please upload <mark>24 hours</mark> 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>Mark Hantel</mark>
- Security TG Chair: Mick Seaman
  - Security TG Vice-Chair: Karen Randall
- TSN TG Chair: János Farkas
  - TSN TG Vice-Chair: Craig Gunther
  - TSN TG Secretary: Johannes Specht
  - IEC/IEEE 60802 Joint Project Chair: Ludwig Winkel
  - IEC/IEEE 60802 Joint Project Secretary: <mark>Dieter Pröll</mark>
  - IEC/IEEE 60802 Joint Project Time Sync ad hoc chair: David McCall
  - IEEE P802.1DP/SAE AS6675 joint project co-Chairs: Abdul Jabbar & János Farkas
  - IEEE P802.1DP/SAE AS6675 joint project Secretary: Marina Gutiérrez
- NENDICA Chair: Roger Marks
- YANGsters Chair: Scott Mansfield
  - YANGsters Vice-Chair and Secretary: Stephan Kehrer
- Maintenance of Email exploder: Mark Hantel and Hal Keen
- Maintenance of website: Mark Hantel, Roger Marks, John Messenger

Editors – current projects

- **802.1Q editor** – Mick Seaman
  - P802.1Qcj – Paul Bottorff
  - P802.1Qcw – Marina Gutierrez
  - P802.1Qdd – Feng Chen
  - P802.1Qdj – Stephan Kehrer
  - P802.1Qdq – Hiroki Nakano
  - P802.1Qdt – Lily Lyu
  - P802.1Qdv – Norman Finn
  - P802.1Qdx – Abdul Jabbar
  - P802.1Qdy – Martin Mittelberger
- P802-REVc – James Gilb
  - P802f – Marc Holness
- 802.1AC editor – John Messenger
- 802.1AE editor - Mick Seaman

- 802.1AS editor – Geoffrey Garner
  - P802.1ASdm – Geoffrey Garner
  - P802.1ASdn – Johannes Specht
  - P802.1ASdr – Silvana Rodrigues
  - P802.1ASds – Silvana Rodrigues
- P802.1CQ – Roger Marks
- P802.1CS – Norman Finn
- P802.1DC – Norman Finn
- P802.1DF – Tongtong Wang
- P802.1DG – Max Turner
- P802.1DP / SAE AS6675 – Abdul Jabbar
- P802.1 DU – Johannes Specht
- IEC/IEEE 60802 – Jordon Woods

802.1 WG Process

- [IEEE 802 Working Group Policies and Procedures](#)
- [Guidelines](#) available on
  - WG voting membership
  - WG ballots
- "New work" process
  - Previously scheduled in TGs towards the end of session
    - There is limited time for such proposals
    - Does not allow for consensus building
  - Migration towards vetting all new work in Nendica
    - Strong proposals can be directed to the TG/WG to initiate a PAR
    - Proposals needing more consensus can be further developed

Joint Development Procedures

- IEEE/IEC 60802 joint project
  - [Guide to IEC/IEEE cooperation](#)
  - [IEC/IEEE cooperation on TSN – rev 10](#)

- IEEE P802.1DP/SAE AS6675 joint project
  - [IEEE/SAE joint development agreement](#)
  - [IEEE/SAE cooperation on TSN – rev 3](#)

Affiliation

- You must declare your affiliation(s) which includes employer(s)
  - Per SASB Bylaws 5.2.1.5 & SASB OpsMan 5.1.2.3
    - Also see https://standards.ieee.org/faqs/affiliation.html
  - In meetings
    - In-person (and current plenary session) meeting registration system
    - myProject system for IMAT attendance, ePoll & myBallot
    - Electronic meeting participant list
    - First time you speak in a session
  - When balloting
    - 802.1 ballot email responses for TG & WG ballots
    - myProject system for SA ballot

- Please keep your affiliation* and employer** information up-to-date

(*) After signing in in myProject > Manage Profile & Interests > Personal & Professional Info > Employer field
(**) After signing in at https://ieee.org > Your Name > Professional and Education Information > "Your employment information" Edit > Employer

Electronic ballots (ePolls)

- None

- To progress work items outside an 802.1 plenary session, a series of 10-day electronic ballots using ePoll were conducted
  - https://mentor.ieee.org/802.1/polls

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 <u>WG ballot series</u> (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 <u>all</u> 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 (73):

Akizuki, Katsuyuki
Alexandris, Konstantinos
Arunarthi, Venkat
Assmann, Ralf
Bao, Huajie
Belliardi, Rudy
Blendin, Jeremias
Boiger, Christian
Bottorff, Paul
Canchi, Radhakrishna
Chen, Feng
Choudhury, Abhijit
Congdon, Paul
Cummings, Rodney
Dorr, Josef
Elbakoury, Hesham
Engelmann, Anna
Enzinger, Thomas

Farkas, Janos
Fedyk, Donald
Finn, Norman
Garner, Geoffrey
Gunther, Craig
Gutierrez, Marina
Haddock, Stephen
Hantel, Mark
Holness, Marc
Hopf, Daniel
Huh, Woojung
Itaya, Satoko
Ito, Yoshihiro
Karl, Michael
Kehrer, Stephan
Kiessling, Marcel
Lai, Gavin
Li, Yizhou
Lopes, Joao

Lyu, Lily
Mangin, Christophe
Mansfield, Scott
Mater, Olaf
McCall, David
McMillan, Larry
Mittelberger, Martin
Nakano, Hiroki
Nomura, Takumi
Pannell, Donald R
Parsons, Glenn
Proell, Dieter
Randall, Karen
Riegel, Maximilian
Rodrigues, Silvana
Rouyer, Jessy V
Sato, Atsushi
Schewe, Frank
Seaman, Michael

Seewald, Maik
Sivakolundu, Ramesh
Specht, Johannes
Stamenic, Nemanja
Stanica, Marius
Steindl, Guenter
Traore, Karim
Turner, Max
Varga, Balazs
Venkatesan, Ganesh
Wang, Tongtong
Weber, Karl
Wessels, Leon
Winkel, Ludwig
Woods, Jordon
Yamaura, Takahiro
Zein, Nader

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

None

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

Bierschenk, Jens
Coelho, Rodrigo
Du, Zongpeng
Gravel, Mark
Han, Ruibo
Jenkins, Michael
Klamser, Oliver

McIntosh, James
Roy, Rajeev
Wang, Jing
Zeh, Alexander

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

Elbakoury, Hesham

The following could <u>lose</u> their voting membership at the end of this plenary session through lack of qualifying WG letter ballot voting :

Akizuki, Katsuyuki
Nomura, Takumi

802.11 Reciprocal credit

- 802.1 voting members may get credit for attending any 802.11

- 802.1 voting members who are also 802.11 voting members may get a popup in IMAT each time they register attendance to ask which group they are accumulating credit for this plenary session.

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

January 2024 interim

- NEC Laboratories Europe offer to host ([registration](#))
- Registration fee
  - 700 EUR (early rate, until December 4, 2023)
  - 900 EUR (normal rate, until January 21, 2024)
- In-Person with provisions to support mixed mode
  - Marriott Heidelberg, Heidelberg, Germany
- Date
  - January 22-26, 2024

May 2024 interim

- Offer to co-locate with the 802 wireless group ([information](#))
  - Approved by the WG in March 2023
- Registration fee
  - Estimated to be in the usual range
- In-Person with provisions to support mixed mode
  - Warsaw Marriott Hotel, Warsaw, Poland
- Date
  - May 12-17, 2023

September 2024 interim

- Airbus offer to host ([proposal](#))
- Registration fee
  - Estimated to be around 650 EUR
  - Covers: site logistics, breaks, lunch, social event
- In-Person with provisions to support mixed mode
  - Hamburg, Germany
- Date
  - September 16-20, 2024

September 2024 interim

- Offer to co-locate with the 802 wireless group
- Registration fee
  - Estimated to be in the usual range
- In-Person with provisions to support mixed mode
  - Hilton Waikoloa Village, Waikoloa, Hawaii, USA
- Date
  - Sep 8-13, 2023

Interim sessions

- January 22-26, 2024
  - Hosted by NEC Laboratories Europe in Heidelberg, Germany as in-person session with provisions to support mixed mode

- May 12-17, 2024
  - Hosted by and co-located with the 802 wireless group as in-person session with provisions to support mixed mode
    - Location: Warsaw, Poland

- September 2024
  - Offer to host by Airbus
    - Date: September 16-20, 2024
    - Hamburg, Germany
  - Possible option to co-locate with the 802 wireless group is currently being discussed
    - Date: September 8-13, 2024
    - Waikoloa, HI, USA

Plenary sessions

- November 12-17, 2023 – Honolulu, HI, USA
  - Hawaiian Village
- March 10-15, 2024 – Denver, CO, USA
  - Hyatt Regency Denver at Colorado Convention Center
- July 14-19, 2024 – Montreal, QC, Canada
  - Sheraton Le Centre Montreal
- November 10-15, 2024 – Vancouver, BC, Canada
  - Hyatt Regency Vancouver
- March 9-14, 2025 – Atlanta, GA, USA
  - Hilton Atlanta
- July 13-18, 2025 – Madrid, Spain
  - Melia Castilla, Madrid Spain (co-located with IETF)
- November 9-24, 2025 – TBD – RFP for North America
- March 8-13, 2026 – Vancouver, Canada
  - Hyatt Regency Vancouver
- July 13-18, 2026 – Montreal Canada
  - Le Centre Sheraton Montreal
- Nov 8-13, 2026 - TBD – RFP for Asia

Straw polls – opening plenary

1. If the 2024 September Interim Session is held at the ZAL - Center for Applied Aeronautical Research (Airbus) in Hamburg, Germany, as a mixed-mode session, will you attend:

• Attend In-person - 30

• Attend Virtually (remotely) - 13

• Will not attend interim - 4

• No response - 8

2. If the 2024 September Interim Session is held co-located with the IEEE 802 wireless group at the Hilton Waikoloa Village, Waikoloa, HI, USA, as a mixed-mode session, will you attend:

• Attend In-person - 18

• Attend Virtually (remotely) - 23

• Will not attend interim - 7

• No response - 8

Straw polls – opening plenary

1. If you will attend one of the three meetings on Friday, November 17 2023 (802 EC Closing Plenary, the 802.11 Closing Plenary or the 802.1 " IEC/IEEE 60802" meeting) will you participate (eat/drink) :
- With breakfast?   - 31
- with the AM Break?   - 31
- With lunch?   - 23

2. If the 2024 March Plenary Session is held at the Hyatt Regency in Denver, USA as an in-person only session, will you attend?
- Yes – 30   No -   13 Abstain – 3 Did not respond - 10

3. If the 2024 March Plenary Session is held at the Hyatt Regency in Denver, USA as a mixed-mode session, will you attend:
- Attend In-person   - 30
- Attend Virtually (remotely) - 17
- Will not attend plenary   - 0
- Did not respond   - 9

Straw poll for closing

1. Would you like to come back to this venue?

  - Yes – No - Did not respond -

2. Did you go to the social?

  - Yes – No - Did not respond -

3. Did you like the social?

  - Yes – No - Did not respond -

LMSC schedule
EC/WG/TAG meetings for the plenary

https://schedule.802world.com/

**IEEE 802 Plenary Session, Honolulu Hawaii USA
November 12 - 17, 2023**

IEEE 802.1 Working Group ∨

Sunday 2023-11-12

Monday 2023-11-13

08:00-10:00	1 - Trk 1: TSN Lehua Suite - Kalia Center
10:30-12:30	1 - Opening 802.1 Plenary Lehua Suite - Kalia Center
13:30-15:30	1 - Trk 1: TSN Lehua Suite - Kalia Center
16:00-18:00	1 - Trk 1: TSN Lehua Suite - Kalia Center

Meeting logistics for all available on
https://www.ieee802.org/802tele_calendar.html

802 EC report – Plenary Session #134

- Fee Waivers granted
  - Catherine Berger, Rob Wilton, Jai Kumar, Hubert Lambers and others

- IEEE 802 Milestone (EC-23-129)
  - Silicon Valley at Computer History Museum – current process delay

- 802 rules update (EC-23-205)
  - FrameMaker licenses only for standards with PARs
  - New – Attend in-person to gain voting rights

- Venues (EC-23-193)
  - July 2023 – 481 in-person, 417 remote attendees – including ~7 students
  - Future venues contracted into 2027, some venues changed - RFP out for remaining slots
  - Joint workshop with ITU-T SG15 proposal for July 13, 2024

IEEE SA Staff supporting IEEE 802

- Jodi Haasz
  - IEEE 802 lead, supports dot01, dot03 and dot18 groups title:
  - Operational Program Management Senior Manager
- Christy Bahn
  - supports dot11, dot15, dot19 and, dot24 groups
  - Operational Program Management Senior Program Manager
- Patrycja Jarosz
  - Observe 802 plenary
  - Program Coordinator
- Mike Kipness (remote)
  - assisting Jodi, Ron, and Christy
  - Operational Program Management Program Manager
- Catherine Berger (email and 802.1 editors)
  - 802 editorial support
  - Senior Program & Special Project Manager
- Michelle Turner (email)
  - 802 editorial support
  - Senior Manager, Content Production and Management

802 election -March 2024

- Per the LMSC P&P (8 Feb 2021) sections 3.0 (Officers), and 4.0 (Membership), the "term for all officers of the Standards Committee ends at close of the first plenary session of each even numbered year."
  - [Process summary by 802 chair](#)

- 802 chair and appointments
  - Paul Nikolich will not run for IEEE 802 chair, James Gilb has declared his candidacy
  - The 802 chair also appoints several EC positions.

- 802.1 chair and vice chair
  - Glenn Parsons will run for chair
  - Jessy Rouyer will run for vice-chair

IEEE 802 program status

- IEEE 802 Publication Report - November 2023

    - https://mentor.ieee.org/802-ec/dcn/23/ec-23-0189-00-00SA-ieee-802-publication-report-november-2023.pdf

- IEEE 802 Active PAR Report - 18 October

    - https://mentor.ieee.org/802-ec/dcn/23/ec-23-0184-00-00SA-ieee-802-active-par-report-18-october-2023.pdf

- IEEE 802 Active Standards Report - 18 October 2023

    - https://mentor.ieee.org/802-ec/dcn/23/ec-23-0185-00-00SA-ieee-802-active-standards-report-18-october-2023.pdf

- IEEE 802 EC Solutions Report - November 2023

    - https://mentor.ieee.org/802-ec/dcn/23/ec-23-0191-00-00SA-ieee-802-ec-solutions-report-november-2023.pdf

- IEEE 802 GET Program Report - October 2023

    - https://mentor.ieee.org/802-ec/dcn/23/ec-23-0187-00-00SA-ieee-802-get-program-report-october-2023.pdf

Notable

- 802.1 3rd in standards downloads with ~19k or 25%
  - Top 3: 802.1Q, 802.1AS, 802.1AE
- November 2023 publication
  - 802f-2023, 802.1Qcj-2023 & 802.1Qcw-2023
- Expiring PARs – Dec 2023
  - P802.1DF
- Expiring standards
  - 2024 – 802
  - 2026 – 802.1AB, 802.1AC
- myProject and DVL updates

Public Review

- Since July 2015, all eligible projects where a SA ballot is initiated also have a Public Review period initiated simultaneously.
  - https://publicreview.standards.ieee.org
  - For process questions see **FAQ**
- Status
  - No comments yet
  - No current public review

802.1 PARs this session

- 802.1CB-2017/Cor1 - FRER Corrigendum 1, PAR

- 802.1ACea - Amendment - Support for IEEE Std 802.15.6 , PAR and CSD

- 802.1AXdz - Amendment - YANG for Link Aggregation , PAR and CSD

Normal session process
- Pre-circulation of PARs
  - October 11
- *Maintenance TG prepares 802.1 comments*
  - November 14 at 6pm ET
- 802.1 response to other WG comments
  - November 15 at 6pm ET
- EC approval
  - November 17

Other 802 PARs this session

- 802.15.4ad - Amendment - Data rate and range extensions to IEEE 802.15.4 Smart Utility Network (SUN) Physical layer (PHY), PAR and CSD
  - 802.1 comments
- 802.19.3a - Recommended Practice Amendment: Enhanced sub-1GHz Coexistence , PAR and CSD
  - 802.1 comments

Tutorials

- None

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/
- IEEE 802 SA Liaison List for IEEE 802.1
  - https://ieee-sa.imeetcentral.com/802liaisondb/FrontPage
- IEEE Draft Sharing page is maintained by IEEE SA
  - Must confirm organizations outside IEEE SA are on the list before sharing any draft standard.

Updated liaison procedures from IEEE SA

ESTABLISHING A STANDARDS COMMITTEE EXTERNAL LIAISON

IEEE SA Standards Board Operations Manual

7.1.4 *Establishing a Standards Committee External Liaison*

A Standards Committee/Subgroup interested in establishing a liaison with an organization external to IEEE shall vote to establish the liaison relationship and shall coordinate with the IEEE Standards Department to establish the liaison relationship.

IEEE SA Standards Board Operations Manual

7.1.5 *Appointment of a Standards Committee External Liaisons coordinator*

Once a Standards Committee/Subgroup has established a Standards Committee External Liaison, the Standards Committee/Subgroup shall appoint a coordinator and notify the IEEE Standards Department with the name and contact information of the coordinator.

IEEE SA STANDARDS ASSOCIATION

◈IEEE 1

Updated liaison procedures from IEEE SA

STEPS FOR ESTABLISHING A STANDARDS COMMITTEE EXTERNAL LIAISON

- **Step 1**: An IEEE Standards Committee/Subgroup should decide whether to establish a liaison with an organization external to IEEE.
  - Approval shall be done by vote and recorded in the minutes.

- **Step 2**: The IEEE Standards Committee/Subgroup shall appoint the person willing to serve as the Standards Committee External Liaison coordinator.
  - Appointment shall be recorded in the minutes.

- **Step 3**: The IEEE Standards Committee/Subgroup Chair shall contact the organization external to IEEE to request the liaison relationship.
  - Issue a formal request based on the external organization's procedures.
    - Copy the IEEE Standards Committee Chair and the IEEE SA Program Manager on the request.

- **Step 4**: Receive confirmation from the organization external to IEEE.
  - Ensure that your IEEE SA Program Manager has been notified.

IEEE 802.1 Liaison Relationship

- Liaison Relationship: A cooperation facilitating a close working relationship between organizations typically via Liaison Statements, Liaison Officials or Liaison Facilitators.

- SDOs listed as Liaison Relationship:
  - IEC TC 65 SC65C/WG18: Time-sensitive networking for industrial automation
  - IEEE 1588
  - IEEE 1722
  - IEEE 1914.3
  - Internet Engineering Task Force (IETF)
  - ISO/IEC JTC 1/SC 6 Telecommunications & info exchange between systems
  - ITU-T Joint Coordination Activity on IMT2020 and Beyond (JCA-IMT2020)

- No identified IEEE 802 WG Liaison representative(s)

- Liaison relationship(s) should be reviewed every three years.
  - Should review before the new SASB rules apply in 2024

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IEEE 802.1 Liaison Statement

- Liaison Statement: A communication intended to advance cooperation among organizations.

- SDOs listed as Liaison Statement:

  - 3GPP RAN2, RAN3, SA2-Architecture
  - 5G Alliance for Connected Industries and Automation (5G-ACIA)
  - 5G Automotive Association (5GAA)
  - ATIS
  - AVNU Alliance
  - Broadband Forum (BBF)
  - CableLabs
  - CPRI
  - ECMA International
  - EtherCAT Technology Group
  - ETSI
  - GSMA
  - IEC - International Electrotechnical Commission
  - IEC TC 65 SC65C, IEC TC 65 SC65C/WG15
  - IEEE 1905.1
  - Innovative Optical and Wireless Network (IOWN) Global Forum

  - ISO/TC 204 - Intelligent transport systems
  - ISO/TC 22/SC 31 - Data communication
  - ITU-T SCV - Stdzn Committee for Vocabu;ar
  - ITU-T TSAG - Telecomm Stdzn Advisory Group
  - ITU-T SG2, SG9,SG11, SG12, SG13, SG15, SG16
  - Japan Automotive Software Platform and Architecture (JASPAR)
  - LNI4.0
  - MEF
  - Multimedia over Coax Alliance (MoCA)
  - OMA - Open Mobile Alliance
  - oneM2M
  - OPC Foundation
  - Open Alliance
  - Open Connectivity Forum (formerly UPnP)
  - SAE
  - TIA - Telecommunications Industry Association

Incoming Liaisons

- [Liaison reply](#) from IEEE 802.3 to **Ultra Ethernet Consortium** (UEC) – IEEE 802.1 is copied for information [TSN]

- [Liaison](#) from **ITU-T JCA**: LS on Invitation to update the information in the IMT2020 roadmap [Maintenance]

Status of Outgoing Liaisons
(previously approved)

- Liaisons sent since July Plenary:
  - Sent liaison to IEEE P3400 on inclusive terminology
  - Sent response to ITU-T SG13 on work items related to deterministic communication services & networking
  - Sent response to ITU-T SG15 on OTNT Standardization Work Plan Issue 31
  - Sent response to ITU-T JCA on IMT 2020 Roadmap
  - Sent drafts (IEEE P802.1Qdd and IEC/IEEE P60802) in liaison to LNI 4.0
  - Sent comment responses to SC6 on IEEE Std 802.1ACct, IEEE Std 802.1BA, and IEEE Std 802.1Q ballots.
  - Sent IEEE 802.1AEdk and IEEE 802.1Qcz to SC6 for adoption
  - Sent IEEE P802.1ASdr D1.2, IEEE P802.1DC D3, and IEEE P802.1CS-2020/Cor1 D2 to SC6 for information
- Approved liaisons – still to be completed (July motions TBD):
  - Send IEEE P802.1ASdn to SC6 for information, after the SA ballot starts
  - Send IEEE 802f, IEEE 802.1Qcw, and IEEE 802.1Qcj to SC6 for adoption, when published

IETF coordination

- [LMSC IETF SC](#) – no meeting this plenary

- [IAB/IESG/IEEE 802 coordination](#) – October 23
  - Item 5. Enabling use of Local Addresses for virtualization and IoT
    - [RFC 7042 update](#) in INT Area WG finished IESG review, needs ID update.
  - Item 25. Layer 2/Layer 3 Interaction for Time-Sensitive Traffic
    - TSN and DetNet well coordinated with joint participation
    - Open working meetings on scaling requirements and new queuing solutions
  - Item 27. Development of YANG models in the IEEE 802
    - 802.1 following process towards YANG catalog
    - CBOR encoding of YANG SID is being standardized
  - Item 33. Capability Discovery
    - IETF drafts are on hold pending LSVR recharter
  - Item 34. Reliable and Available Wireless
    - RAW has been merged into DetNet WG
  - Item 35. MAC Address Device Identification for Network and Application Services (MADINAS)
    - [Randomized and Changing MAC Address](#) – WG last call
    - [Randomized and Changing MAC Address Use cases](#)

JTC1/SC6 coordination

- JTC1 SC status ([EC-23-194](#))
  - All current SC6 ballots have passed
  - 802.11 & 802.3 no longer being submitted due to IPR issues

- December 2023 – SC6 plenary
  - IEEE 802 report will be prepared

ITU Coordination

- Review of higher level ITU activities relevant to IEEE 802 (EC-23-201)
  - ITU Council
  - ITU-T TSAG
  - ITU-R RA
  - ITU WSIS
  - ITU-T WTSA

Meetings with other 802 WGs

- [802.1 & 802.15](#) (Tues 18:00 – 19:00)
  - Review 802.1AC amendment PAR

Promotion

- IEEE SA marketing collateral
  - [TSN automotive](#), [TSN industrial](#)
  - [TSN logo](#)
- Press releases, blog posts, articles
  - YANG blog post – Done TSN, EtherType & New CBS, MSTP & LAG
- Tutorial
  - TSN eLearning course – under development
    - Lead - Norman Shaw – using webinar content as input
  - [TSN webinars](#)
    - 802.1 – Sept 16 , TSN toolset – Dec 2, 802.1AS – Feb 24, AVB – Jun 9, Fronthaul - Sept 8, 60802 – Apr 6, 2023 , Automotive – Oct 26
    - Next: Aerospace
  - Computer Society webinars
    - Data Center – August 2023
- Industry Events
  - [TSN/A](#) – Sept 27-28, 2023 – Ludwigsburg / Stuttgart
  - Ethernet/IP day – Sept 19, 2023

TSN/A Conference 2023
"TSN in Practice"

802.1 presence

- Abdul Jabbar
- Christian Boiger
- János Farkas
- Stephan Kehrer
- João Lopes
- Dieter Pröll
- Alon Regev
- Johannes Specht
- Max Turner
- Balázs Varga
- Ludwig Winkel

IEEE SA as Lead Exhibitor

picture: courtesy of Johannes Specht
see further pictures at the conference page

802.1 Public Visibility Messaging

- **Coordinating with IEEE 802 Public Visibility Standing Committee**
  - Chair: Tuncer Baykas
  - 802.1 coordinator: Roger Marks
  - LinkedIn promotion – >4k followers
  - IEEE SA web feature
- **Maintaining web page**
  - https://1.ieee802.org/visibility/
  - tracking topics and status
  - Technical webinars with Computer Society
  - new topics welcome

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

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WG Chair Awards

Offered to leadership, editors and significant contributors after publication

- **IEEE Std 802.1Qcz-2023**
  - Editor: Paul Congdon
  - Contribution:
    - Ralf Assmann – for significant contribution to editorial and technical review
    - Scott Mansfield – for significant contribution to the development of YANG modules
    - Mick Seaman – for significant contribution to editorial integration
    - Yolanda Yu – for significant contribution
    - Paul Bottorff – for significant contribution to editorial and technical review
    - Don Fedyk – for significant contribution to editorial and technical review

- **IEEE Std 802.1AEdk-2023**
  - Editor: Don Fedyk
  - Contribution:
    - Mick Seaman - above and beyond his Chair Duties his insights and contributions were invaluable
    - Richard Dubrowski - for significant contribution
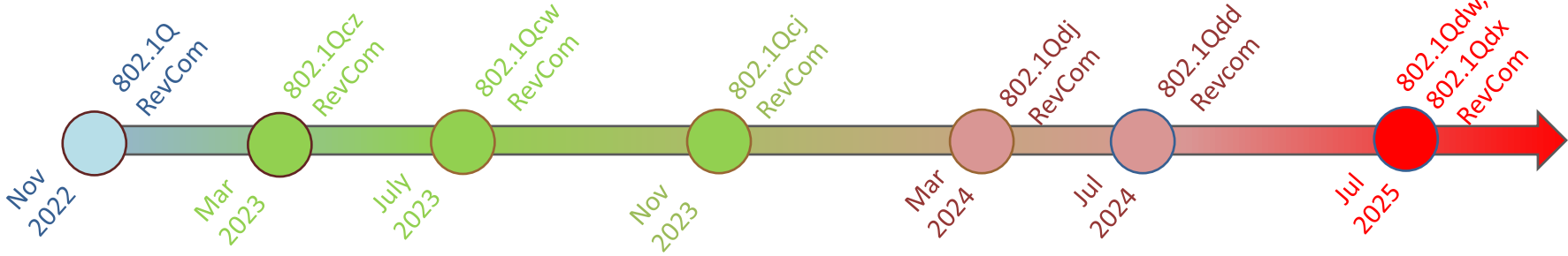
Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcj	Auto Attach to PBB	RevCom	Approved - Sept 21	D2.5	Publication	Dec '23
802.1CQ	Multicast and Local Address Protocol	PAR extension	TG Ballot	D0.8	TG Ballot	Dec '24
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	RevCom	Approved - Sept 21	D2.2	Publication	Dec '23
802.1Qcz	Congestion Isolation	RevCom	Published - Aug 4	D2.7		Dec '24
60802 (DA)	TSN Profile for Industrial Automation	PAR modification	WG Ballot	D2.1	WG Ballot	Dec '25
802.1DC	QOS provision by network systems	SA Ballot	SA Ballot	D3.0	SA Ballot	Dec '24
802.1Qdd	Resource Allocation Protocol	PAR extension	TG Ballot	D0.7	TG Ballot	Dec '25
802.1DF	TSN Profile for Service Provider Networks	TG ballot	TG ballot	D0.1	PAR expires (admin withdraw)	Dec '23
802.1DG	TSN Profile for Automotive Networks	PAR Extension	TG Ballot	D2.2	TG Ballot	Dec '25
802.1Qdj	TSN Configuration Enhancements	WG Ballot	WG Ballot	D1.1	SA ballot	Dec '25
802.1AEdk	MAC Privacy protection	RevCom	Published - Aug 18	D2.2		Dec '23
802f	EtherType YANG	RevCom	Approved - Sept 21	D2.1	Publication	Dec '23
802.1ASdm	Hot standby	PAR modification	WG Ballot	D1.3	WG Ballot recirc	Dec '24
802.1ASdn	Time Synch YANG	SA Ballot conditional	WG Ballot recirc	D1.2	SA Ballot	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	Editor's draft	D1.0	TG Ballot	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.4	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	SA Ballot	SA Ballot	D1.2	RevCom conditional	Dec '25
802.1ASds	Half-duplex support	TG Ballot	PAR approved		Editor's draft	Dec '26
802.1Qdt	PFC MACsec	PAR modification	TG Ballot	D0.2	TG Ballot	Dec '26
802.1DU	Cut-through forwarding	TG Ballot	TG Ballot	D0.2	TG Ballot	Dec '27
802.1Qdv	Cyclic Queueing and Forwarding	TG Ballot	Editor's draft	D0.3	TG Ballot	Dec '26
802-rev	O&A	WG Ballot	WG Ballot	D1.1	SA ballot conditional	Dec '26
802.1Qdw	Source Flow Control	Nescom	PAR approved		Editor's draft	Dec '26
802.1CS/cor1	LRP corrigendum	SA Ballot	SA Ballot	D2.0	RevCom conditional	Dec '26
802.1Qdx	YANG for CBS	WG Ballot	WG Ballot	D1.0	SA ballot conditional	Dec '27
802.1Q-2022 rev	Bridges and Bridged Networks	Nescom	PAR approved		WG Ballot	Dec '27
802.1AS-2020 rev	Timing and Synchronization	Nescom	PAR approved		WG Ballot	Dec '27
802.1Qdy	YANG for MSTP	WG ballot	Editor's draft	D0.1	WG ballot	Dec '27
8022.1AXdz	YANG for LAG	PAR Development	WG PAR review		NesCom	
8022.1ACea	802.15.16 convergence	PAR Development	WG PAR review		NesCom	
802.1CB/cor1	FRER corrigendum	PAR Development	WG PAR review		NesCom	

802.1Q revisions and amendments

802.1Q-2022
incorporating
- IEEE Std 802.1Qcc-2018
- IEEE Std 802.1Qcp-2018
- IEEE Std 802.1Qcy-2019
- IEEE Std 802.1Qcx-2020
- IEEE Std 802.1Qcr-2020

P802.1Qcz
P802.1Qcw
P802.1Qcj
- Publication

P802.1Qdj
- SA ballot

P802.1Qdd
- TG ballot

P802.1Qdw
- draft

802.1Q-2022 rev
incorporating
- ???

P802.1Qdq
- TG ballot

P802.1Qdx
- draft

P802.1Qdv
- TG ballot

P802.1Qdy
- draft

Content locked on Sept 21, 2025
Amendments blocked until approval

802.1Q
RevCom

Nov
2022

802.1Qcz
RevCom

Mar
2023

802.1Qcw
RevCom

July
2023

802.1Qcj
RevCom

Nov
2023

802.1Qdj
RevCom

Mar
2024

802.1Qdd
Revcom

Jul
2024

802.1Qdw,
802.1Qdx
RevCom

Jul
2025

802.1AS revision and amendments

- 802.1AS-2020
  - P802.1ASdr – SA ballot
  - P802.1ASdn – WG ballot
  - P802.1ASdm – WG ballot

🔒

Content locked after approval of 3rd amendment
Further amendments blocked until revision approval

- 802.1AS-2020 rev
  - P802.1ASds – TG ballot

802.1 meeting schedule

HST Start	HST End	Monday Nov 13	Tuesday Nov 14		Wednesday Nov 15			Thursday Nov 16		Friday Nov 17	ET Start	PT Start	CET start	JST start
07:00	07:30			TSN 60802							12:00	09:00	18:00	02:00
07:30	08:00										12:30	09:30	18:30	02:30
08:00	08:30	TSN	Maintenance		TSN	P802-REVc		TSN P802.1DG	Nendica	TSN	13:00	10:00	19:00	03:00
08:30	09:00										13:30	10:30	19:30	03:30
09:00	09:30										14:00	11:00	20:00	04:00
09:30	10:00										14:30	11:30	20:30	04:30
10:00	10:30										15:00	12:00	21:00	05:00
10:30	11:00	Opening Plenary	TSN P802.1DG		TSN	TSN 60802	Security	TSN	TSN 60802	TSN 60802	15:30	12:30	21:30	05:30
11:00	11:30										16:00	13:00	22:00	06:00
11:30	12:00										16:30	13:30	22:30	06:30
12:00	12:30										17:00	14:00	23:00	07:00
12:30	13:00										17:30	14:30	23:30	07:30
13:00	13:30										18:00	15:00	00:00	08:00
13:30	14:00	TSN	TSN P802.1DP	TSN 60802	TSN	TSN 60802	Security	Closing Plenary		TSN 60802	18:30	15:30	00:30	08:30
14:00	14:30										19:00	16:00	01:00	09:00
14:30	15:00										19:30	16:30	01:30	09:30
15:00	15:30										20:00	17:00	02:00	10:00
15:30	16:00										20:30	17:30	02:30	10:30
16:00	16:30	TSN	YANGsters		TSN	TSN 60802	Security	Closing Plenary		TSN 60802	21:00	18:00	03:00	11:00
16:30	17:00										21:30	18:30	03:30	11:30
17:00	17:30										22:00	19:00	04:00	12:00
17:30	18:00										22:30	19:30	04:30	12:30
18:00	18:30		802.1/802.15 Joint								23:00	20:00	05:00	13:00
18:30	19:00				Social Event						23:30	20:30	05:30	13:30
19:00	19:30										00:00	21:00	06:00	14:00
19:30	20:00										00:30	21:30	06:30	14:30
20:00	20:30										01:00	22:00	07:00	15:00
20:30	21:00										01:30	22:30	07:30	15:30
21:00	21:30										02:00	23:00	08:00	16:00

802.1 Leadership meetings

- Every Thursday – 11:00 ET
  - Since February 2020 to discuss management of work and plan future sessions
- Additional leadership
  - 12:30 HT - Tuesday - Ilima Boardroom - Kalia Center
  - Prepare PAR responses, EC consent agenda for Friday EC meeting
- Editors' meetings
  - 19:00 HT - Tuesday - Ilima Boardroom - Kalia Center
  - Sharing of best practices by editors

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 July 2023 plenary session page

    - Based on your IEEE logon email

Practice Voting

Subgroup agendas

- Maintenance TG
  - Including P802REVc
- Security TG
- TSN TG
- Nendica – Network Enhancements for the Next Decade Industry Connections Activity
- YANGsters

Maintenance TG Agenda

Tuesday 14 November 2023, 8:00 –10:00 HST

- https://1.ieee802.org/november-2023-plenary-session-maintenance-tg-agenda/
- Project status
- Review of maintenance motions
- 802 PARs under consideration: 802.15.4ad (SUN PHY), 802.19.3a (Enhanced sub 1GH Coexistence)
- Incoming and outgoing liaisons: UEC (from IEEE 802.3), IETF MADINAS, SC6
- P802.1ASdr Comment resolution
- P802.1Q-2022Rev update
- SC6 status update
- Document vehicle status
- New maintenance requests
- Existing maintenance requests requiring discussion
- Any Other Business

Wednesday 15 November 2023, 8:00 –10:00 HST

- https://1.ieee802.org/november-2023-plenary-session-maintenance-tg-agenda-p802-revc-comment-resolution/
- P802-REVc comment resolution
- Any Other Business
- Future Meetings

Agenda – Security

1. [Meeting introduction](#)

2. [Approval of agenda](#)

3. [P802.1Qdt Priority-based Flow Control Enhancements](#)

    Draft development

    ➢ **Wednesday 15 November 10:30-12:30, 13.30-15.30 HST (Hawaii Standard Time)**

4. [Any Other Business (A.O.B)](#)

    ➢ **Wednesday 15 November 16:30-18:00 HST**

5. [Review potential Security TG items for closing plenary](#)

6. [Future meetings/teleconferences](#)

IEEE 802.1 TSN TG Agenda
IEEE 802 Plenary, November 13-17, 2023

HST Start	CEST End	Monday Jul 10		Tuesday Jul 11		Wednesday Jul 12		Thursday Jul 13	Friday Jul 14	PT Start	ET Start	CET Start	JST Start
8:00	8:30	TSN P802.1ASdm		Maintenance TG		TSN P802.1ASdm, P802.1Qdx, P802.1DU		TSN - P802.1DG comment resolution	TSN P802.1DU, P802.1ASdm, P802.1Qdx	13:00	10:00	19:00	3:00
8:30	9:00									13:30	10:30	19:30	3:30
9:00	9:30									14:00	11:00	20:00	4:00
9:30	10:00									14:30	11:30	20:30	4:30
10:00	10:30									15:00	12:00	21:00	5:00
10:30	11:00	Opening plenary		TSN - P802.1DG Time sync, comment resolution		TSN AXdz PAR, liaisons, ASdm, Qdx DU	TSN - IEC/IEEE 60802	TSN P802.1ASds, P802.1Qdy, overflow	TSN - IEC/IEEE 60802	15:30	12:30	21:30	5:30
11:00	11:30									16:00	13:00	22:00	6:00
11:30	12:00									16:30	13:30	22:30	6:30
12:00	12:30									17:00	14:00	23:00	7:00
12:30	13:00									17:30	14:30	23:30	7:30
13:00	13:30									18:00	15:00	0:00	8:00
13:30	14:00	TSN liaisons, motions, new AS amdmt., P802.1ASdn		TSN P802.1DP/AS6675, P802.1Qdx	TSN - IEC/IEEE 60802	TSN 802.1ASdm, P802.1Qdx, P802.1DU	TSN - IEC/IEEE 60802	Closing plenary	TSN - IEC/IEEE 60802	18:30	15:30	0:30	8:30
14:00	14:30									19:00	16:00	1:00	9:00
14:30	15:00									19:30	16:30	1:30	9:30
15:00	15:30									20:00	17:00	2:00	10:00
15:30	16:00									20:30	17:30	2:30	10:30
16:00	16:30	TSN P802.1ASdm		YANGsters		TSN P802.1Qdd, P802.1Qdv, ASdm, Qdx, DU	TSN - IEC/IEEE 60802	Closing plenary	TSN - IEC/IEEE 60802	21:00	18:00	3:00	11:00
16:30	17:00									21:30	18:30	3:30	11:30
17:00	17:30									22:00	19:00	4:00	12:00
17:30	18:00									22:30	19:30	4:30	12:30

- TSN TG agenda details are available at: https://1.ieee802.org/2023-11-plenary-tsn-agenda
- Note that the TSN TG agenda may change, e.g., depending on progress

Nendica, November 2023 Plenary

- Agenda
  - https://1.ieee802.org/802-nendica-agenda-2023-11-16/
- ICAID status
  - Renewed (via ICCom) through Sept 2025
  - ICCom approved auto-renewal every two years
    - Should seek to establish an IEEE 802 auto-renewal policy
- Meet Thursday 16 November 2023, 8:00-10:00 HST
  - Vetting and new topics, per contribution
    - *Reference delay based one-way delay measurement*
    - *Introduction to CSIG telemetry* (IETF Congestion Signaling)
    - *Requirements for AI Fabric*
    - *Effective Performance Management in TSN*
  - Future meeting schedule
  - Any other business

Agenda Topics for YANGsters

- YANG scalability discussions (with BBF input)
- IETF YANG for Constrained Environments
- New tooling to help instance validation

- Meeting Agenda: https://1.ieee802.org/november-2023-plenary-session-honolulu-hi-usa-yangsters/
- YANGsters: https://1.ieee802.org/yangsters/
- YANGsters FAQ: https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/

YANG Status

- Current status as of 10 November 2023

ShortName	Name	github status	Ballot	Draft Ver	YANG Status	Notes
802.1AEdk	MAC Privacy protection	move to pub	Pub			clean-up github
802.1AS-2020 rev	Timing and Synchronization	not created	Editor	None	No YANG	
802.1ASdm	Hot Standby	needs uploaded	WG	D1.3	checked	
802.1ASdn	Timing and Synchronization for Time-Sensitive Applications — Amendment: YANG Data Model	current	WG	D1.2	checked	
802.1ASds	Support for the IEEE Std 802.3 Clause 4 Media Access Control (MAC) operating in half-duplex	not created	Editor	None	No YANG	
802.1AXdz	YANG for LAG	not created	Editor	None	No YANG	
802.1CS-2020/Cor1	Link-local Registration Protocol (LRP)	needs uploaded	WG	D2.0	checked	
802.1DC	Quality of Service Provision by Network Systems	needs uploaded	WG	D3.0	checked	2.2 -> 3.0 no yang change
802.1DG	TSN Profile for Automotive In-Vehicle Ethernet Communications	not created	TG	D2.2	No YANG	
802.1DP	TSN for Aerospace Onboard Ethernet Communications	not created	Editor	D1.0	No YANG	
802.1DU	Cut-thorough forwarding	not created	Editor	D0.2	No YANG	
802.1Q-2022rev	Q-rev	not created	Editor	None	No YANG	current Qdj-d1.2
802.1Qcj	LLDP extension tlv for auto attach	current	Pub	D2.5	checked	
802.1Qcw	Amendment: YANG Data Models for Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing	current	SA	D2.2	checked	
802.1Qcz	Amendment: Congestion Isolation	move to pub	Pub			clean-up github
802.1Qdd	Resource Allocation Protocol	not created	TG	D0.7	No YANG	
802.1Qdj	Amendment: Configuration Enhancements for Time-Sensitive Networking	needs uploaded	WG	D1.3	checked	
802.1Qdt	Priority-based Flow Control Enhancements	not created	TG	D0.2	No YANG	
802.1Qdv	Enhancements to Cyclic Queuing and Forwarding	not created	Editor	D0.3	No YANG	
802.1Qdw	Source Flow Control	not created	Editor	None	No YANG	
802.1Qdx	YANG for CBS	needs uploaded	WG	D1.0	checked	
802.1Qdy	YANG for MSTP	not created	Editor	D0.1	No YANG	
802f	YANG Data Model for Ethertypes	current	SA	D2.4	checked	
IEEE1588e	Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: MIB and YANG Data Models	current	SA	D1.3	checked	
IEC/IEEE 60802	Industrial Automation	not created	WG	D2.1	No YANG	

Any Other Business ?