



Closing Plenary July 2022

Glenn Parsons – IEEE 802.1 WG Chair
glenn.parsons@ericsson.com

802.1 plenary agenda

Monday, July 11th opening

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Administrative
- Membership status
- Future Sessions
- 802 EC report
- Technical plenary
- Incoming Liaisons
- Promotion
- Sanity check – current projects
- TG agendas
- Any other business

Thursday, July 14th 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

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 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**

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>

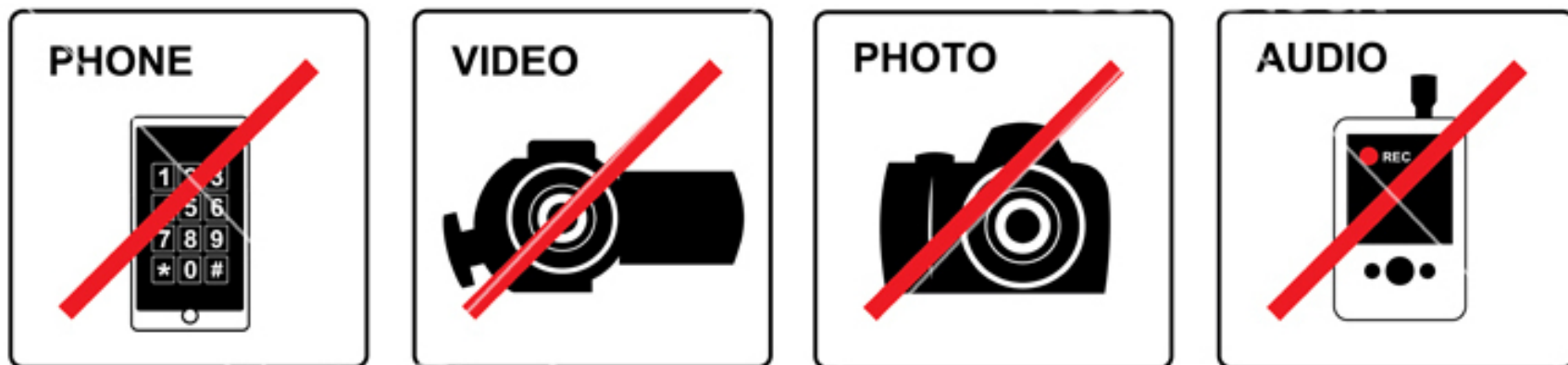
Participants in the IEEE-SA “*individual process*” shall act independently of others, including employers

- 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

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 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.

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”

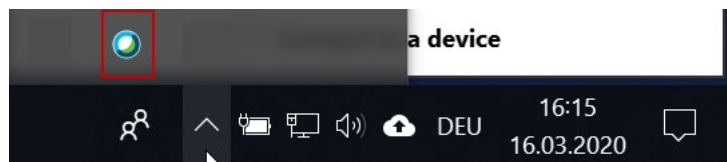
Please provide your information

- First and last names
- Affiliation, after your last name, e.g., in square brackets
- (may provide them in the Chat window)

Changing your data in Webex

Step 1

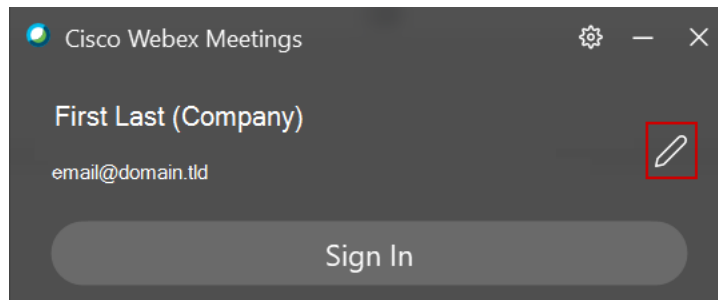
- Go to the "Display hidden icons" arrow in the Windows task bar



- 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



JULY 2022 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

- Red badge vs Green badge
- 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

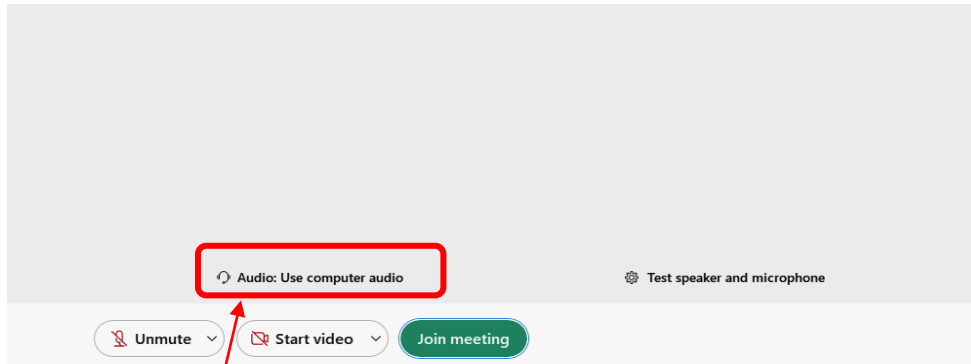
- Present
- See the screen
- Chat (**not** *part of the meeting*)

If you are in-person and join WebEx

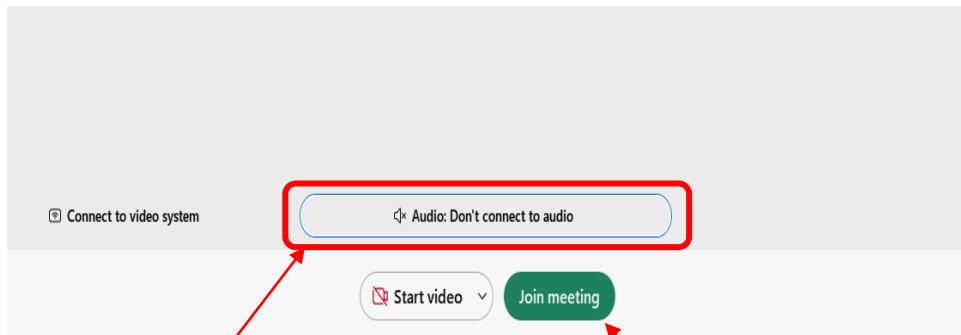
- **DO NOT connect to the audio**
- After you **accept** the IEEE SA terms
- Before you **click join meeting**
- Change your audio:

🔊 Audio: Don't connect to audio

YET TO JOIN



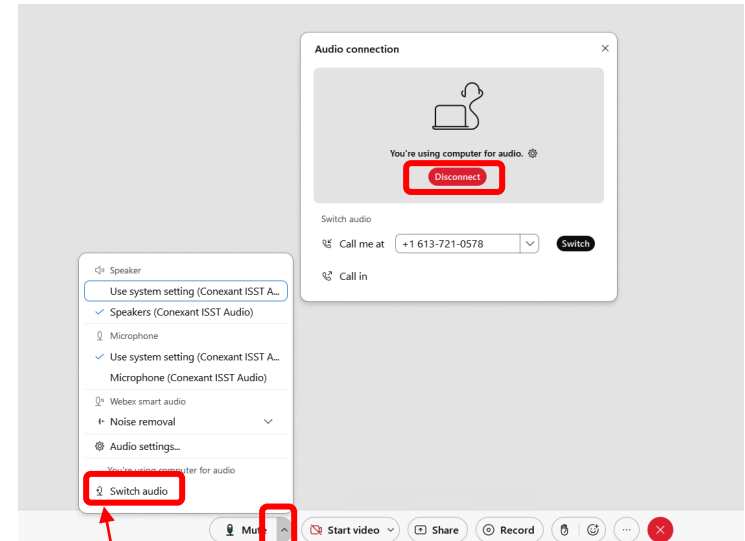
Select: “Audio Use Computer Audio”



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

Once completed:
join meeting

ALREADY JOINED



Click on: ^

Select: “Switch audio”
Select “Disconnect”

Plenary Registration Fee

- Attendance at any meeting held during or as part of the July 2022 Plenary Session requires registering and paying the appropriate fee
 - Early \$US500.00 until May 20, 2022
 - Standard \$US700.00 until June 24, 2022
 - Late/Onsite \$US900.00 after June 24, 2022
- Registration details
<http://802world.org/plenary/>

General Information

- Meeting contributions
 - <http://ieee802.org/1/filenaming.html>
 - Please upload 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: Paul Congdon
- 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: Josef Dorr
 - 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: Roger Marks

Editors – current projects

- [802.1Q chief editor](#) – Mick Seaman
 - [P802.1Qcj](#) – Paul Bottorff
 - [P802.1Qcw](#) – Marina Gutierrez
 - [P802.1Qcz](#) – Paul Congdon
 - [P802.1Qdd](#) – Feng Chen
 - [P802.1Qdj](#) – Stephan Kehrer
 - [P802.1Qdq](#) – Hiroki Nakano
- [802 chief editor](#) – James Gilb
 - [P802f](#) – Marc Holness
- 802.1AE chief editor - Mick Seaman
 - [P802.1AEdk](#) – Don Fedyk
- 802.1AS chief editor – Geoffrey Garner
 - [P802.1ASdm](#) – Geoffrey Garner
 - [P802.1ASdn](#) – Rodney Cummings
 - [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
- [IEC/IEEE 60802](#) – Jordon Woods

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 letter ballot series (WG ballots + 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 (79):

Ademaj, Astrit	Gopal, Amrit	Mater, Olaf	Stanica, Marius
Arunarathi, Venkat	Gunther, Craig	McCall, David	Steindl, Guenter
Assmann, Ralf	Gutierrez, Marina	McMillan, Larry	Stamenic, Nemanja
Bao, Huajie	Haddock, Stephen	Messenger, John	Traore, Karim
Belliardi, Rudy	Hantel, Mark	Nakano, Hiroki	Turner, Max
Boiger, Christian	Henry, Jerome	Pannell, Donald R	Varga, Balazs
Bottorff, Paul	Holness, Marc	Parsons, Glenn	Venkatesan, Ganesh
Canchi, Radhakrishna	Hopf, Daniel	Petre, Razvan	Wang, Xinyuan
Chen, Feng	Huh, Woojung	Potts, Michael	Wang, Tongtong
Choudhury, Abhijit	Itaya, Satoko	Proell, Dieter	Weber, Karl
Congdon, Paul	Ito, Yoshihiro	Randall, Karen	Wessels, Leon
Cummings, Rodney	Karl, Michael	Riegel, Maximilian	Winkel, Ludwig
Dorr, Josef	Kehrer, Stephan	Rodrigues, Silvana	Woods, Jordon
Elbakoury, Hesham	Kelsey, Randy	Rouyer, Jessy	Yamaura, Takahiro
Engelmann, Anna	Kiessling, Marcel	Sato, Atsushi	Yin, Yue
Enzinger, Thomas	Lai, Gavin	Schewe, Frank	Zeier, Uwe
Farkas, Janos	Lopes, Joao	Seaman, Michael	Zein, Nader
Fedyk, Donald	Lv, Lily	Seewald, Maik	Zhao, William
Finn, Norman	Mangin, Christophe	Sivakolundu, Ramesh	Zinner, Helge
Garner, Geoffrey	Mansfield, Scott	Specht, Johannes	

The following became voting members this week:

Bao, Huajie

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

Ananda, Narasimha Meisinger, Andreas
Bierschenk, Jens
Gravel, Mark
Klamser, Oliver
Markwart, Christian

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

none

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

Petre, Razvan

Yin, Yue

802.11 Reciprocal credit

- 802.1 voting members may receive credit for attending any of 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 working group they are accumulating credit for this plenary.
- 802.1 attendance credit will not be granted for a voting member who attended only 802.11 meetings.

September 2022 interim

- Electronic interim – Sept 12-16
- Given
 - This week's hybrid meeting experience
 - Host facilities support hybrid
- Reconsider hosting offer from GE?

September 2022 interim – GE offer

- General Electric ([proposal](#))
- Registration fee
 - Estimated to be 500 USD in-person
 - In-person registration deadline Sept 6
- Mixed-mode
 - GE Research center, Albany, NY, USA
- Date
 - Sept 12-16, 2022

Straw poll for September 2022

1. If the 2022 September Interim Session is held in Albany, NY, USA as a mixed-mode session, how will you attend:

- Attend In-person $19 + 7 = 26$
- Attend Virtually (remotely) $20 + 21 = 41$
- Will not attend interim 2
- Abstain 1

January 2023 interim

- Possibility to co-locate with 802 wireless
- Registration fee
 - Currently uncertain, but expected to be in the usual range
- Currently assumed to be in-person only
 - Baltimore Marriott Waterfront, Baltimore, Maryland, USA
- Date
 - January 15-20, 2023

May 2023 interim

- ABB offer to host ([proposal](#))
- Registration fee
 - Estimated to be around 500-600 EUR
- In-Person only
 - Radisson Blu Royal Hotel, Helsinki, Finland
 - Hybrid or remote observers not supported
- Date
 - May 15-19, 2023

Interim sessions

- May 18-22, 2020
 - Pasadena, CA, USA hosted by Ethernet Alliance
- September 21-25, 2020
 - Stuttgart, DE hosted by Hirschmann
- January 2021
- May 3-7, 2021
 - Santa Fe, NM, USA hosted by Analog Devices
- September 20-24, 2021
 - Stuttgart, DE hosted by Hirschmann
- January 17-21, 2022
- May 23-27, 2022
 - Santa Fe, NM, USA hosted by Analog Devices
- September 2022

**Changed to
electronic
due to
COVID-19**

- (offer for Albany, NY, USA hosted by General Electric)
- January 2023
 - (possibility to co-locate with 802 wireless in Baltimore, Maryland, USA)
- May 2023 (proposal for Helsinki, Finland)

Plenary sessions

- March 15-20, 2020 – Atlanta, GA, USA
 - Hilton Atlanta
- July 12-17, 2020 – Montreal, QC, Canada
 - Sheraton Montreal
- November 8-13, 2020 – Bangkok, Thailand
 - Bangkok Marriott Marquis Queen's Park
- March 14-19, 2021 – Denver, CO, USA
 - Hyatt Regency Denver
- July 11-16, 2021 – Madrid, Spain
 - Marriott Madrid Auditorium
- November 14-19, 2021 – Vancouver, BC, Canada
 - Hyatt Regency Vancouver
- March 13-18, 2022 – Orlando, FL, USA
 - Hilton Orlando Lake Buena Vista

**Cancelled or
changed to
electronic
due to
COVID-19**

- July 10-15, 2022 – Montreal, QC, Canada
 - Sheraton Le Centre Montreal
- November 13-18, 2022 – Bangkok, Thailand
 - Marriott Marquis Queen's Park

Future sessions decision dates

- Plenary sessions
 - November 13-18, 2022 – Bangkok Thailand
 - **Latest decision date to avoid penalty:** July 15, 2022
- Interim sessions
 - January 2023
 - Currently working with Face to Face events to verify availability of enough meeting space to co-locate with 802 wireless
 - September 2023
 - Currently no offer to host – volunteers?

Straw polls for closing

1. If the 2022 November Plenary Session is held in Bangkok, Thailand as an in-person only session, will you attend?

- Yes $27 + 9 = 36$
- No $5 + 17 = 22$
- Abstain $7 + 4 = 11$

2. If the 2022 November Plenary Session is held in Bangkok, Thailand as a mixed-mode session, will you attend:

- Attend In-person $29 + 5 = 34$
- Attend Virtually (remotely) $6 + 22 = 28$
- Will not attend plenary 0
- Abstain $4 + 2 = 6$

Straw polls for closing

3. Of the attendees that were in Montreal in-person this week, who would like to return to the Montreal venue in the future?

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

Feedback – mixed mode

Summary of comments expressed:

- Worked excellent (better than expected) with meeting computer & students
- Audio was excellent, but maybe more mics
- Continue mixed mode (Webex) for all in-person
- Common queuing app may be useful
- Controversial topics were difficult to resolve with remote attendees
- Monitoring may be OK remote, but driving work benefits from in-person (but needs a critical mass)
- In-person plenaries have long hours

Technical Plenary

- The [802 Technical Plenary](#) is a vehicle for addressing specific **technical** topics across all 802.
 - E.g., awareness for the revision of IEEE Std 802
- Agenda – July 11
 - P802 REVc – process plan
 - IEEE 802 WG architecture – 802.1, 802.3, 802.11 & 802.15
- Next meeting
 - November plenary – based on contributions

Liaison Resources

- IEEE 802.1 Liaison Page
 - <https://1.ieee802.org/liaisons/>
 - Liaison Table (<https://1.ieee802.org/liaisons/liaisonable/>)
- 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.

Incoming Liaisons

- Liaison from **BBF**: [LS](#) use of the IEEE 802.1X YANG model in BBF-specified Access Nodes
- Liaison from **ISO/IEC JTC1 SC6**: [Reports](#) on Preliminary Work Item Deterministic Wireless Industrial Network (DWIN)
- Liaison from **ISO/IEC JTC1 SC6**: Ballot comments on IEEE Std 802.1ACct-2021 and IEEE Std 802.1BA-2021
- Liaison from January 2022
 - **ITU-T SG15**: [LS 351](#) OTNT Std Work Plan Issue 30

Outgoing Liaisons

- Liaisons from TSN:
 - Approve sending latest version of IEEE P802f to IETF netmod
 - Approve sending liaison to IEEE 1588 on Announce Messages
- Liaisons Motions from Maintenance:
 - Approve liaison response to ITU-T SG15 LS 351: OTNT Standardization Work Plan Issue 30
 - <https://www.ieee802.org/1/files/public/docs2022/liaison-response-itu-t-sg15-otnt-swp-0722.pdf>
 - Approve sending IEEE P802.1AEdk, IEEE P802f, and IEEE P802.1Qcw to SC6 for information, once the SA ballot starts
 - Approve liaison response to ballot comments from SC6 on IEEE Std 802.1ACct and IEEE Std 802.1BA
 - <https://www.ieee802.org/1/files/public/docs2022/liaison-SC6CommentResponseACct-0722.pdf>
 - <https://www.ieee802.org/1/files/public/docs2022/liaison-SC6CommentResponse1BA-0722.pdf>

Promotion



- IEEE SA marketing collateral
 - [TSN automotive](#), [TSN industrial](#)
 - [TSN logo](#)
- Issue press releases, call for participation or blog posts
 - TSN feature topic – [IEEE Communications Standards Magazine](#)
- Tutorial
 - TSN tutorial proposed for development and release in early 2023
 - [TSN webinars](#)
 - 802.1 – Sep 16 , TSN toolset – Dec 2, 802.1AS – Feb 24, AVB – Jun 9, Fronthaul - Sep 8
 - Next: Industrial Automation, Automotive, Aerospace
- Industry Events
 - [TSN/A](#) – 29-30 September 2021 and 28-29 September 2022
 - [IEEE-SA Ethernet & IP - Automotive Technology Day](#) – 3-4 Nov 2021
- ITU Event
 - [WSIS Forum 2022](#) – [TSN Session](#) - April 2022

Subgroup reports

- [Leadership](#)
- [YANGsters](#)
- [Maintenance TG](#)
- [Security TG](#)
- [TSN TG](#)
- [Nendica](#) – Network Enhancements for the Next Decade Industry Connections Activity

802.1 plenary session

electronic meeting schedule

ET Start	ET End	Monday Jul 11		Tuesday Jul 12		Wednesday Jul 13			Thursday Jul 14		Friday Jul 15	PT Start	CEST start	JST start								
07:00	07:30	Hybrid Orientation										04:00	13:00	20:00								
07:30	08:00											04:30	13:30	20:30								
08:00	08:30	TSN		Maintenance		TSN P802.1DP			TSN P802.1DG	Nendica	TSN 60802	05:00	14:00	21:00								
08:30	09:00											05:30	14:30	21:30								
09:00	09:30							Security				06:00	15:00	22:00								
09:30	10:00											06:30	15:30	22:30								
10:00	10:30											07:00	16:00	23:00								
10:30	11:00	Opening Plenary		TSN P802.1DG	Security	TSN	TSN 60802	Security	TSN	TSN 60802	TSN 60802	07:30	16:30	23:30								
11:00	11:30											08:00	17:00	00:00								
11:30	12:00											08:30	17:30	00:30								
12:00	12:30											09:00	18:00	01:00								
12:30	13:00											09:30	18:30	01:30								
13:00	13:30											10:00	19:00	02:00								
13:30	14:00	TSN	Security	TSN	YANGsters	TSN	TSN 60802	Security	Closing Plenary		TSN 60802	10:30	19:30	02:30								
14:00	14:30											11:00	20:00	03:00								
14:30	15:00											11:30	20:30	03:30								
15:00	15:30											12:00	21:00	04:00								
15:30	16:00											12:30	21:30	04:30								
16:00	16:30	TSN	Security	TSN 60802	Security	TSN	TSN 60802	Security	Closing Plenary		TSN 60802	13:00	22:00	05:00								
16:30	17:00											13:30	22:30	05:30								
17:00	17:30											14:00	23:00	06:00								
17:30	18:00											14:30	23:30	06:30								
18:00	18:30	802 Technical Plenary										15:00	00:00	07:00								
18:30	19:00			802.1/802.15 Joint		Social Event						15:30	00:30	07:30								
19:00	19:30											16:00	01:00	08:00								
19:30	20:00			Nendica								16:30	01:30	08:30								
20:00	20:30	802.1 Reception										17:00	02:00	09:00								
20:30	21:00											17:30	02:30	09:30								
21:00	21:30											18:00	03:00	10:00								

802.1 Leadership meetings

- Every Thursday – 11:00 ET
 - Since February 2020 to manage current shift to electronic sessions
- Additional leadership – July 12th 12:30 ET
 - Prepare PAR responses, EC consent agenda for July 14th EC meeting
- Editors' meetings
 - 11:00 ET - Thursday after each session (July 21st)
 - Sharing of best practices by editors

YANGsters Closing Plenary Status

- YANGsters site
 - <https://1.ieee802.org/yangsters/>
- YANGsters agendas
 - <https://1.ieee802.org/category/yangsters-agenda/>
- YANGsters at the Plenary
 - Presentation and Discussion related to Encoding of Data Modeled with YANG in the Concise Binary Object Representation (CBOR)
 - <https://www.rfc-editor.org/rfc/authors/rfc9254.html>
 - <https://www.ieee802.org/1/files/public/docs2022/yangsters-bormann-coreconf-0722-v01.pdf>
 - Conversation will continue in YANGsters to discuss the impact on YANG in IEEE 802.1
 - Reviewed ETSI mWT liaison
 - <https://www.ieee802.org/1/files/public/docs2022/liaison-ETSI-mWT-YANG-models-and-Plugtest-0722.pdf>
 - 802.1CS YANG discussion
 - Identified the need for a Corrigendum related to errors in the .1CS YANG file
- Plans for rest of 2022
 - Discussion on SID Registry and Lifecycle
 - Discussion on Reference Guidelines (documentation in YANG modules)
 - YANG lifecycle including git process to aid rebasing
 - Q Clause numbers and Titles
- Motion for bi-weekly meetings (every two weeks) to begin 26 July 2022

Maintenance Meetings Summary

- One maintenance TG meeting during the session:
 - July 12: See <https://www.ieee802.org/1/files/public/docs2022/maint-congdon-em-0722-2-v02.pdf>
- No comments on 802 PARs under consideration
- 802.1ASdr status update – P1588g SA ballot closing soon. Terminology expected.
- P802-REVC progress
 - Logistics - <https://www.ieee802.org/1/files/public/docs2022/802-rev-congdon-process-0722-v03.pdf>
 - Draft - <https://www.ieee802.org/1/files/private/802-REVC-drafts/d0/P802-REVC-d0.1.pdf>
- Liaisons – 3 outgoing responses
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1BA-0722.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponseACct-0522-v03.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-response-cover-itu-t-sg15-otnt-swp-0722.pdf>
- Maintenance request progress – see: <https://www.802-1.org/meetings/124>
 - 1 newly received -> technical expert's review
 - 3 technical experts review (unchanged)

ISO/IEC JTC1 SC6 Status

- 42 standards currently PSDO approved
- 1 standard in PSDO adoption process
- 8 standard in PSDO 60-day pre-ballots
- 0 standards under systematic review
- 4 standards to send for adoption
- Motion to send FDIS ballot comment responses for:
 - 802.1ACct
 - 802.1BA-Rev
- Motion to send standards for information
 - P802.1AEdk
 - P802f
 - P802.1Qcw

Maintenance Next Steps

- Conference call planning for August 9th, 2022, to discuss maintenance requests 0324, 0340.
- Conference calls as needed to address new and existing maintenance requests

Report – Security

1. [Meeting introduction](#)
2. [Approval of agenda](#)
3. [P802.1AEdk MACsec Privacy Protection](#)
 - WG Recirculation Ballot comment resolution
 - **Monday 11 July 14:00-18:00 [Eastern Time]**
4. [P802.1Qdt PFC Enhancements](#)
 - Draft development
 - **Tuesday 12 July 11:00-12:30, Wednesday 12 July 11:00-12:30**
5. [P802.1AE MAC Security Maintenance items](#)
 - Identification of items for maintenance
 - **Wednesday 12 July 13:30-18:00**
4. [Liaisons](#)
 - As and if required, potential future liaisons
5. [Any Other Business \(A.O.B\)](#)
6. [Future meetings/teleconferences](#)

IEEE 802.1 TSN TG Summary

IEEE 802 Plenary, July 11-15, 2022

ET Start	ET End	Monday Jul 11	Tuesday Jul 12	Wednesday Jul 13		Thursday Jul 14		Friday Jul 15	PT Start	CEST Start	JST Start
7:00	7:30	Hybrid Orientation							4:00	13:00	21:00
7:30	8:00								4:30	13:30	21:30
8:00	8:30	TSN P802.1ASdm, P802.1Qdj	Maintenance TG	TSN - P802.1DP/AS6675 Offline config. Model, Time sync integrity		TSN - P802.1DG liaison to 1588, base .1DG profile for CBS/ATS		TSN - IEC/IEEE 60802 Security	5:00	14:00	22:00
8:30	9:00								5:30	14:30	22:30
9:00	9:30								6:00	15:00	23:00
9:30	10:00								6:30	15:30	23:30
10:00	10:30								7:00	16:00	0:00
10:30	11:00	Opening plenary	TSN - P802.1DG JASPAR gPTP, 802.1AS vs 1588 as basis?	TSN PARs, liaisons, P802.1Qcw	TSN - IEC/IEEE 60802 Comment resolution	TSN SFC sim. res., Multi-CQF, UNI tspec	TSN - IEC/IEEE 60802 Comment resolution	TSN - IEC/IEEE 60802 Opt. sync model, Sync contribution	7:30	16:30	0:30
11:00	11:30								8:00	17:00	1:00
11:30	12:00								8:30	17:30	1:30
12:00	12:30								9:00	18:00	2:00
12:30	13:00								9:30	18:30	2:30
13:00	13:30							TSN - IEC/IEEE 60802 YANG importance, Comment resolution	10:00	19:00	3:00
13:30	14:00	TSN liaisons, motions, CBS YANG, P802.1Qdj	TSN P802.1Qdd	TSN P802.1Qcj	TSN - IEC/IEEE 60802 Comment resolution	Closing plenary			10:30	19:30	3:30
14:00	14:30								11:00	20:00	4:00
14:30	15:00								11:30	20:30	4:30
15:00	15:30			TSN P802.1Qcj, P802.1Qdq	TSN - IEC/IEEE 60802 Comment resolution	Closing plenary		TSN - IEC/IEEE 60802 Comment resolution	12:00	21:00	5:00
15:30	16:00								12:30	21:30	5:30
16:00	16:30	TSN P802f, P802.1Qdj, cut-through	TSN - IEC/IEEE 60802 Status updates, Sync sim results, Comment resolution						TSN P802.1Qcj, P802.1Qdq	TSN - IEC/IEEE 60802 Comment resolution	Closing plenary
16:30	17:00			13:30	22:30	6:30					
17:00	17:30			14:00	23:00	7:00					
17:30	18:00								14:30	23:30	7:30

Nendica Meetings since March Plenary

- Meeting almost each Thursday (09:00-11:00 ET)
- Authorized to add ad hocs if necessary
- 24 meetings since March 802 Plenary

Date	Att.
2022-03-10	27
2022-03-24	15
2022-04-07	19
2022-04-14	12
2022-04-20*	66
2022-04-21	18
2022-04-27*	52
2022-04-28	19

Date	Att.
2022-05-04*	34
2022-05-05	16
2022-05-12	29
2022-05-20#	9
2022-05-26	9
2022-05-27#	8
2022-06-01*	35
2022-06-02	16

Date	Att.
2022-06-08*	35
2022-06-09	14
2022-06-16	13
2022-06-22*	43
2022-06-23	19
2022-06-29*	34
2022-06-30	18
2022-07-07	13

*Cut-Through Forwarding, Joint with IEEE 802.3 NEA
#Cut-Through Forwarding focus, Nendica only

Nendica Activity since March Plenary

- Study Item: “Cut-Through Forwarding in Bridges and Bridged Networks [CTF]”
 - <https://1.ieee802.org/nendica-ctf/>
 - Helped initiate submittal of PAR 802.1DU for March
 - Ongoing discussion with 802.3 NEA and 802.1 TSN
- Study Item: “Evolved Link Layer Architecture [ELLA]”
 - <https://1.ieee802.org/nendica-ella/>
 - Helped initiate revision PAR for IEEE Std 802
 - amendment concepts under discussion
- Study Item: “Forwarding of Fieldbus CPF 12 on 802.1 Bridges [CPF12]”
 - Initiated June 2022
 - following multiple presentations

Nendica Session Review, July 2022

- Agenda
 - <https://1.ieee802.org/802-nendica-plenary-2022-07/>
- Tuesday 19:30-21:30 ET
 - Cut-Through Forwarding Study Item
 - discussion on way forward toward possible PAR presubmittal for November 2022 IEEE 802 Plenary Session
- Thursday 08:00-10:00 ET
 - CPF12 Study Item
 - Update on trademark issue
 - ELLA Study Item
 - Reviewed results of IEEE 802 Technical Plenary of July 11
 - CTF Study Item
 - continued discussion
 - Agreed on motion for future meetings
 - Finalized Nendica Status Report
- Jessy Rouyer chaired both meetings

Sanity check – current workload

Project	Short Title	Last Motion	Current Stage	Draft#	Next action	PAR ends
802.1Qcj	Auto Attach to PBB	PAR extension	WG ballot	D1.4	WG ballot	Dec '23
802.1CQ	Multicast and Local Address Protocol	TG Ballot	TG Ballot	D0.7	PAR extension	Dec '22
802.1ABcu	LLDP YANG	RevCom	Published - Apr 13	D2.3		Dec '21
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	PAR Extension	WG ballot	D1.4	SA Ballot conditional	Dec '23
802.1Qcz	Congestion Isolation	SA Ballot	SA Ballot	D2.2	PAR extension	Dec '22
60802 (DA)	TSN Profile for Industrial Automation	TG Ballot	TG Ballot	D1.3	PAR extension & modify	Dec '22
802.1CBdb	FRER (CBcv) extensions	RevCom	Published - Mar 23	D2.1		Dec '22
802.1DC	QOS provision by network systems	WG Ballot	TG Ballot	D1.2	PAR extension	Dec '22
802.1Qdd	Resource Allocation Protocol	TG Ballot	TG Ballot	D0.6	PAR extension	Dec '22
802.1DF	TSN Profile for Service Provider Networks	TG ballot	TG ballot	D0.1	TG ballot	Dec '23
802.1DG	TSN Profile for Automotive Networks	TG Ballot	TG Ballot	D1.4	TG ballot	Dec '23
802.1ABdh	LLDPv2	RevCom	Published - Apr 19	D2.1		Dec '23
802.1Qdj	TSN Configuration Enhancements	TG ballot	TG ballot	D0.3	TG ballot	Dec '23
802.1AEdk	MAC Privacy protection	WG Ballot	WG Ballot	D2.1	SA Ballot	Dec '23
802f	EtherType YANG	WG Ballot	WG Ballot	D1.3	SA Ballot conditional	Dec '23
802.1ASdm	Hot standby	TG Ballot	TG Ballot	D0.5	TG Ballot	Dec '24
802.1Q-REV	Bridges and Bridged Networks	SA Ballot	SA Ballot	D1.2	RevCom	Dec '24
802.1ASdn	Time Synch YANG	TG Ballot	TG Ballot	D0.1	TG Ballot	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1AS/cor1	Timing and Synchronization corrigendum	RevCom	Published - Apr 28	D4.0		Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved	D0.1	TG Ballot	Dec '25
802.1ASdr	Inclusive Language	TG Ballot	PAR approved		Editor's draft	Dec '25
802.1ASds	half-duplex support	TG Ballot	PAR approved		Editor's draft	Dec '26
802.1Qdt	PFC MACsec	NesCom	PAR approved		TG Ballot	
802.1DU	Cut-through forwarding	PAR Development	PAR Development		PAR Development ???	
802.1Qdv	Cyclic Queueing and Forwarding	PAR Development	PAR Development		Nescom	
802-rev	O&A	NesCom	PAR approved		WG ballot	
802.1Qdw	Source Flow Control	PAR Development	PAR Development		Nescom	

802.1Q revisions and amendments

802.1Q-2021

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

- SA ballot

P802.1Qcj

- WG ballot

P802.1Qdd

- TG ballot

P802.1Qcw

- WG ballot

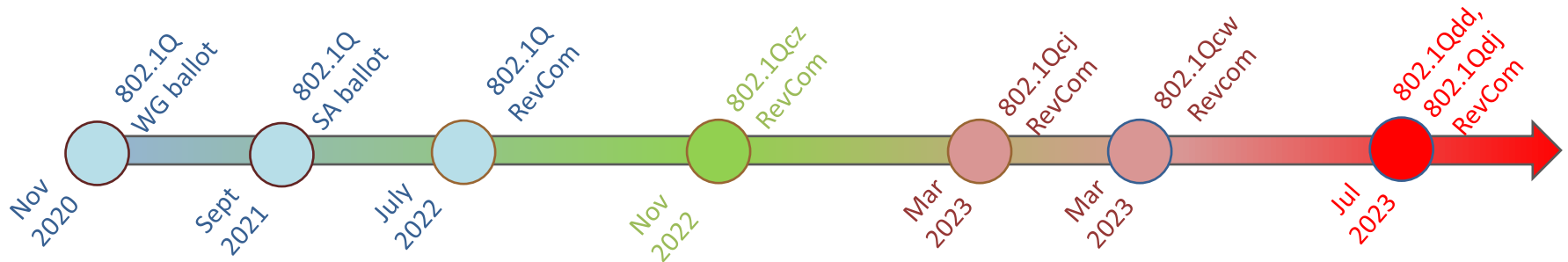
P802.1Qdj

- TG ballot



Locked on May 7, 2021

Amendments blocked until approval



802.1 PARs this session

- 60802 - Standard - Time-Sensitive Networking Profile for Industrial Automation
 - [PAR](#), [CSD](#), and [PAR Extension](#)
- 802.1Qdv - Amendment: Enhancements to Cyclic Queuing and Forwarding
 - [PAR](#) and [CSD](#)
- 802.1Qdw - Amendment: Source Flow Control
 - [PAR](#) and [CSD](#)
- 802.1CQ - Standard - Multicast and Local Address Assignment
 - [PAR Extension](#)
- 802.1DC - Standard - Quality of Service Provision by Network Systems
 - [PAR Extension](#)
- 802.1Qcz - Amendment: Congestion Isolation
 - [PAR Extension](#)
- 802.1Qdd - Amendment: Resource Allocation Protocol
 - [PAR Extension](#)

Normal session process




- Pre-circulation of PARs
 - June 10
- *Maintenance TG prepares 802.1 comments*
 - July 12 at 6pm ET
- 802.1 response to other WG comments
 - July 13 at 6pm ET
- EC approval
 - July 15

Other 802 PARs this session

- 802.3 Industry Connections - New Ethernet Applications, [Endorsement Letter & ICAID](#)
 - No 802.1 comments
- 802.15.4 - Standard for Low Rate Wireless Networks, Revision [PAR](#)
 - No 802.1 comments

WG Member Voting



- Access the web voting tool via the “Voting Member – [Cast your vote](#)” link on the 802.1 [March 2022 plenary session](#) page
- When asked to sign in, use your IEEE Account user name and password
- Click the  for IEEE 802.1 Closing Plenary – March 2022
- Motions will be opened, and visible under the “Open” tab after being announced.
- Click on  for motions currently requiring your vote
- Make your vote selection and click  to record your vote
- Keep the “*DirectVoteLive*” browser open during the meeting

802.1 consent agenda items for LMSC Closing Plenary

July 2022

(V5 – 802.1 version #)

Agenda

- PARs to NesCom
 - 5. – P802.1Qdv
 - 5. – P802.1Qdw
 - 5. – P60802 modification
 - 5. – P60802 extension
 - 5. – P802.1CQ extension
 - 5. – P802.1DC extension
 - 5. – P802.1Qcz extension
 - 5. – P802.1Qdd extension
 - 5. – P802.1CS-2020/Cor1
- Drafts to SA Ballot
 - 5. – P802.1AEdk
 - 5. – P802f

Agenda

- Drafts to RevCom
 - 5. – P802.1Q-rev
- Liaisons and external communications (ME)
 - 7. – Approve liaison of comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement
 - 7. – Approve liaison of drafts for information to ISO/IEC JTC1/SC6 under the PSDO agreement
 - 7. – Approve 802.1 communication to ITU-T SG15
- Liaisons and external communications (II)
 - 7. – Approve draft sharing with IETF NETMOD

802.1 Motions

2022-07

Consent Agenda

PARs to NesCom

5.xxx - Motion

- Approve forwarding P802.1Qdv PAR documentation in <https://www.ieee802.org/1/files/public/docs2022/dv-PAR-0722-v01.pdf> to NesCom
- Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2022/dv-CSD-0722-v01.pdf>
- In the WG, Proposed: Norman Finn, Second: János Farkas
 - PAR (y/n/a): 36, 3, 4
 - CSD (y/n/a): 37, 2, 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P802.1Qdw PAR documentation in <https://www.ieee802.org/1/files/public/docs2022/dw-PAR-0722-v01.pdf> to NesCom
- Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2022/dw-CSD-0722-v01.pdf>
- In the WG, Proposed: Paul Congdon, Second: Paul Bottorff
 - PAR (y/n/a): 39, 5, 6
 - CSD (y/n/a): 38, 5, 7
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P60802 PAR modification documentation in <https://www.ieee802.org/1/files/public/docs2022/60802-PAR-modification-0722-v01.pdf> to NesCom
- Approve CSD modification documentation in <https://www.ieee802.org/1/files/public/docs2022/60802-CSD-modification-0722-v01.pdf>
- In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - PAR (y/n/a): 46, 1, 4
 - CSD (y/n/a): 46, 1, 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P60802 PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2022/60802-PAR-extension-0722-v01.pdf> to NesCom
- Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2022/60802-CSD-modification-0722-v01.pdf>
- In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - PAR (y/n/a): 45, 2, 5
 - CSD (y/n/a): 45, 2, 5
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P802.1CQ PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2022/cq-PAR-extension-0722-v01.pdf> to NesCom
- Approve (unmodified) CSD documentation in <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0105-01-ACSD-802-1cq.pdf>
- In the WG, Proposed: Roger Marks, Second: János Farkas
 - PAR (y/n/a): 41, 4, 6
 - CSD (y/n/a): 42, 4, 5
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P802.1DC PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2022/dc-PAR-extension-0722-v01.pdf> to NesCom
- Approve (unmodified) CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0091-00-ACSD-802-1dc.pdf>
- In the WG, Proposed: Norman Finn, Second: János Farkas
 - PAR (y/n/a): 38, 7, 7
 - CSD (y/n/a): 39, 6, 6
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P802.1Qcz PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2022/cz-PAR-extension-0722-v01.pdf> to NesCom
- Approve (unmodified) CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0160-00-ACSD-802-1qcz.pdf>
- In the WG, Proposed: Paul Congdon, Second: János Farkas
 - PAR (y/n/a): 45, 0, 7
 - CSD (y/n/a): 45, 0, 6
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P802.1Qdd PAR extension documentation in <https://www.ieee802.org/1/files/public/docs2022/dd-PAR-extension-0722-v01.pdf> to NesCom
- Approve (unmodified) CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0161-00-ACSD-802-1qdd.pdf>
- In the WG, Proposed: Feng Chen, Second: János Farkas
 - PAR (y/n/a): 46, 3, 5
 - CSD (y/n/a): 46, 3, 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

5.xxx - Motion

- Approve forwarding P802.1CS-2020/Cor1 PAR documentation in <https://www.ieee802.org/1/files/public/docs2022/cs-cor1-PAR-0722-v01.pdf> to NesCom
 - No CSD; Maintenance PAR not intended to provide any new functionality
- In the WG, Proposed: Paul Congdon, Second: Norm Finn
 - PAR (y/n/a): 44, 2 , 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

802.1 Motions

2022-07

Consent Agenda

Drafts to SA Ballot

5.xxx - Motion

- Approve sending P802.1AEdk D2.1 to Standards Association Ballot
- Confirm the CSD for P802.1AEdk in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0218-00-ACSD-p802-1aedk.pdf>
- In the WG, Proposed: Mick Seaman Second: Don Fedyk
 - Sending draft (y/n/a): 47, 0, 5
 - CSD (y/n/a): 46, 0, 5
- In the EC, mover: Glenn Parsons Second: Roger Marks
 - (y/n/a): <y> , <n> , <a>

Supporting information P802.1AEdk

- P802.1AEdk D2.1 had 100% approval at the end of the last WG ballot
- WG ballot closed: 3 July 2022
- All WG ballot requirements are met
- The ballot resulted in
 - 0 Disapprove votes
 - 6 Comments (rejected)

Ballot results		
CATEGORY	All respondents	
	TOTAL	%
Yes	34	100
No	0	0
Voting Yes or No	34	56
Abs. Time	3	4
Abs. Expertise	24	30
Abs. Other	0	0
Respondents	61	78
Voting members	78	
Non-voting commenters	0	
No. of commenters	2	
No. of comments	6	
TR	0	
T	1	
ER	0	

- Ballot results available here:

<https://www.ieee802.org/1/files/private/dk-drafts/d2/802-1AEdk-d2-1-dis.pdf>

5.xxx - Motion

- Conditionally approve sending P802f D2.0 to Standards Association ballot
- Confirm the CSD for P802f in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0217-00-ACSD-p802f.pdf>
 - P802f D1.3 had 100% approval at the end of the last WG ballot
- In the WG, Proposed: Marc Holness Second: János Farkas
 - Sending draft (y/n/a): 44, 2, 4
 - CSD (y/n/a): 42, 1, 5
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

Supporting Information P802f

- WG ballot closed: 4 July 2022
- All WG ballot requirements are met
- The ballot resulted in
 - 0 outstanding Disapprove votes
 - 0 outstanding Must Be Satisfied (MBS) comments
- Comment resolution available here:
<https://www.ieee802.org/1/files/private/802-f-drafts/d1/802f-d1-3-dis-v03.pdf>
- Recirculation ballot will be conducted during July/August with comment resolution in TSN TG meetings. A possible final recirculation in September/October if required with comment resolution in TSN TG meetings.

Ballot results:

CATEGORY	All respondents	
	TOTAL	%
Yes	51	100.0%
No	0	0.0%
Voting Yes or No	51	
Abs. Time	0	
Abs. Expertise	20	
Abs. Other	0	
Voting Members	79	
Respondents (Voting)	71	89.9%
Respondents (non-Voting)	0	
Liaisons responding		
No. of commenters	4	
No. of comments	5	
T	0	0.0%
TR	1	20.0%
E/ER	4	80.0%

802.1 Motions

2022-07

Consent Agenda

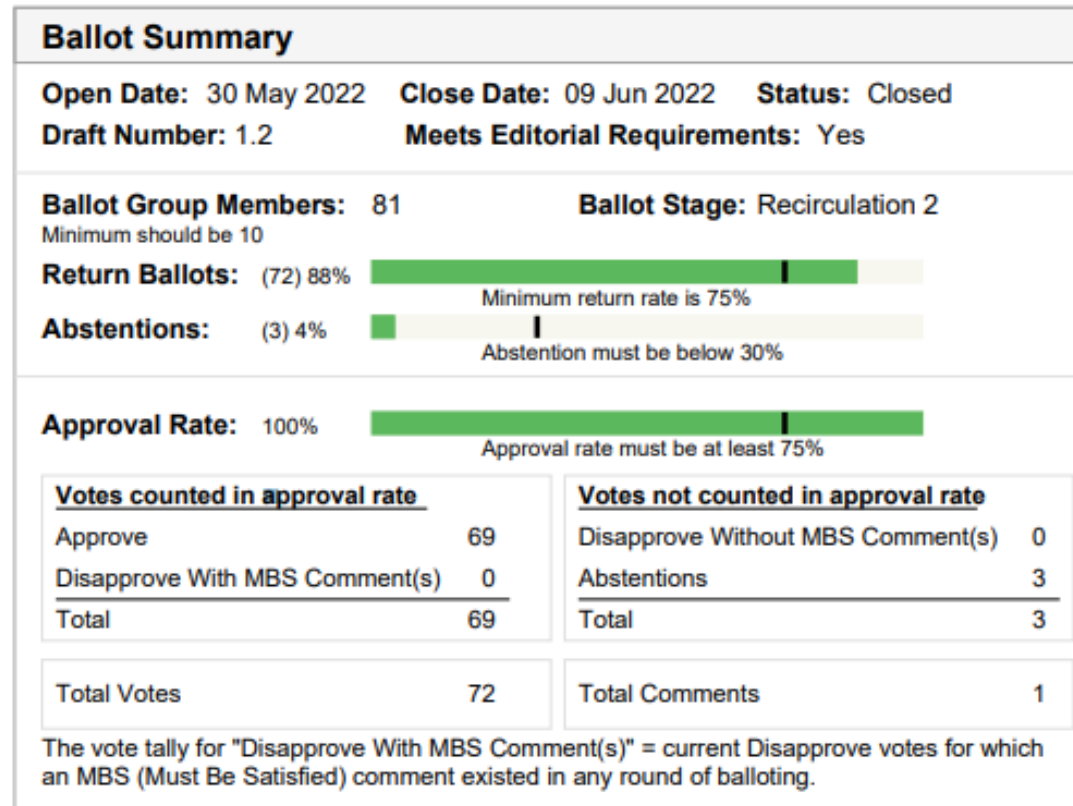
Drafts to RevCom

Motion

- Approve sending P802.1Q-Rev D1.2 to RevCom
 - No CSD; Revision PAR not intended to provide any new functionality
- In the WG, Proposed: Paul Congdon Second: Mick Seaman
Sending draft (y/n/a): 48, 2, 2
- In EC, mover: Glenn Parsons, Second: Roger Marks
(y/n/a): <y>,<n>,<a>

Supporting information for P802.1Q-Rev

- SA ballot closed:
 - 9 June 2022
- All SA ballot requirements are met
- P802.1Q-Rev D1.2 had 100% approval, 88% return rate at the end of the SA ballot
- The ballot resulted in
 - 0 Disapprove votes
 - 0 comments
- Disposition:
<https://www.ieee802.org/1/files/private/q-rev-drafts/d1/802-1Q-rev-d1-2-dis.pdf>



802.1 Motions

2022-03

Consent Agenda

Liaisons and external
communications (ME)

7.xxx - Motion

- Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
 - IEEE 802.1ACct-2021
 - <https://www.ieee802.org/1/files/public/docs2022/liaison-SC6CommentResponseACct-0722.pdf>
 - IEEE 802.1BA-2021
 - <https://www.ieee802.org/1/files/public/docs2022/liaison-SC6CommentResponse1BA-0722.pdf>
- In the WG, Proposed: Paul Congdon Second: Karen Randall
 - Sending draft (y/n/a): 43, 1, 6
- In EC, mover: Glenn Parsons Second: Roger Marks
 - (y/n/a): <y>, <n>, <a>

7.xxx - Motion

- Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement, once the SA Ballot starts
 - P802.1AEdk
 - P802f
 - P802.1Qcw
- In the WG, Proposed: Paul Congdon Second: Karen Randall
 - Sending draft (y/n/a): 38, 2, 6
- In EC, mover: Glenn Parsons Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

7.xxx - Motion

- Approve <https://www.ieee802.org/1/files/public/docs2022/liaison-response-itu-t-sg15-otnt-swp-0722.pdf> as communication to ITU-T SG15 on LS351: OTNT Standardization Work Plan Issue 30, 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: Paul Congdon Second: Karen Randall
 - Sending draft (y/n/a): 43, 1, 7
- In EC, mover: Glenn Parsons Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

802.1 Motions

2022-03

Consent Agenda

Liaisons and external communications (II)

7.xxx - Motion

- Approve sharing the latest revision of the P802f draft with the IETF Network Modeling (netmod) Working Group.
- Proposed: János Farkas
- Second: Stephan Kehrer
- In the WG (y/n/a): 41, 2, 6
- In the EC, for information

802.1 agenda items for LMSC Closing Plenary

July 2022

(V1 – 802.1 version #)

802.1 Motions

2022-03

Consent Agenda

Liaisons and external communications (II)

Motion

- Approve
<https://www.ieee802.org/1/files/public/docs2022/liaison-8021to1588-announce-message-0722-v01.pdf> as communication to IEEE 1588, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
- Proposed: Max Turner
- Second: Craig Gunther
- In the WG (y/n/a): 42, 1, 5
- In the EC, for information

Administrative

WG MOTIONS

Motion

- 802.1 approves the March 2022 (plenary) and May 2022 (interim) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2022-03-minutes-v2.pdf>
 - <https://www.ieee802.org/1/files/public/minutes/2022-05-minutes-v2.pdf>
- Proposed: Jessy Rouyer
- Seconded: János Farkas
- Approved by Acclamation

Motion

- 802.1 approves to hold an 802.1 interim session September 12-16, 2022 in Albany, NY, USA, hosted by General Electric.
- Proposed: Stephan Kehrer
- Second: Jessy Rouyer
- In the WG (y/n/a): 42, 6, 5

Motion

- 802.1 approves to hold an 802.1 interim session January 15-20, 2023 in Baltimore, Maryland, USA co-located with 802 wireless
- Proposed: Stephan Kehrer
- Second: Jessy Rouyer
- In the WG (y/n/a): 32, 13, 7

Motion

- 802.1 approves to hold an 802.1 interim session May 15-19, 2023 in Helsinki, Finland, hosted by ABB
- Proposed: Stephan Kehrer
- Second: Jessy Rouyer
- In the WG (y/n/a): 37, 7, 6

YANGsters

WG MOTIONS

Motion

- 802.1 authorizes the YANGsters subgroup to hold bi-weekly (every two weeks) electronic meetings on Tuesdays 10:00-11:00 ET starting July 26, 2022.
- Agenda will be announced on the [802.1 Minutes email list](#) at least 5 calendar days before the electronic meeting.
- Access information is posted on the <https://1.ieee802.org/yangsters/yangsters-call-information/> page and will be updated as necessary.
- Proposed: Scott Mansfield
- Second: Stephan Kehrer
- In the WG (y/n/a): 45, 1, 2

Maintenance TG

WG MOTIONS

Motion

- 802.1 authorizes the Maintenance TG to hold electronic meetings to address task group matters and progress resolution of maintenance items documented in the maintenance database (<https://1.ieee802.org/maintenance/database/>).
 - Additional dates/times to be announced subject to notice of at least 10 days to the [802.1 Minutes email list](#).
- Proposed: Paul Congdon
- Second: Jessy Rouyer
- Approved by acclamation

Motion

- 802.1 authorizes James Gilb, the Editor of P802-REVc, Standard for Local and Metropolitan Area Networks: Overview and Architecture, to prepare drafts for and conduct Task Group and Working Group balloting.
- Proposed: Paul Congdon
- Second: János Farkas
- In the WG (y/n/a): 42, 1, 4

Security TG

WG MOTIONS

Motion

- 802.1 authorizes Lily Lv, the Editor of P802.1Qdt Bridges and Bridged Networks—Amendment: PFC Enhancements, to prepare drafts for and conduct Task Group balloting.
- Proposed: Mick Seaman
- Second: Paul Congdon
- In the WG (y/n/a): 36 , 4 , 8

Motion

- 802.1 authorizes the Security Task Group to hold electronic meetings to progress P802.1AEdk, P802.1Qdt and Task Group matters arising:
 - Dates/times to be announced subject to notice of at least 10 days to the [802.1 Minutes email list](#)
- Proposed: Mick Seaman
- Second: Karen Randall
- Approved by acclamation

TSN TG

WG MOTIONS

Motion

- 802.1 authorizes Jordon Woods, the Editor of IEC/IEEE P60802 Time-Sensitive Networking Profile for Industrial Automation to prepare drafts for and conduct Working Group balloting.
- Proposed: János Farkas
- Second: Ludwig Winkel
- In the WG (y/n/a): 39, 3, 3

Motion

- 802.1 authorizes Stephan Kehrer, the Editor of P802.1Qdj Standard for Local and Metropolitan Area Networks: Bridges and Bridged Networks — Amendment: Configuration Enhancements for Time-Sensitive Networking to prepare drafts for and conduct Working Group balloting.
- Proposed: János Farkas
- Second: Ludwig Winkel
- In the WG (y/n/a): 44, 1 , 3

Motion

- 802.1 authorizes the TSN Task Group to hold a meeting on Monday November 14, 2022, prior to the IEEE 802.1 opening plenary meeting.
- Proposed: János Farkas
- Second: Craig Gunther
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold meetings together with IEC 65C/WG18 on Friday November 18, 2022 (after the IEEE 802.1 closing plenary meeting) to progress the IEC/IEEE 60802 Joint Project and other TSN TG work.
- Proposed: János Farkas
- Second: Ludwig Winkel
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold electronic meetings weekly on Mondays 11:00-13:00 ET starting July 18, 2022.
- Agenda will be announced on the [802.1 Minutes email list](#) at least 5 calendar days before the electronic meeting.
- Access information is posted on the <http://www.ieee802.org/1/tsn> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Craig Gunther
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold additional electronic meetings as needed to progress the projects of the Task Group and Task Group matters arising.
- Dates, times, and agenda to be announced subject to notice of at least 10 calendar days on the [802.1 Minutes email reflector](#).
- Access information is posted on the <http://www.ieee802.org/1/tsn> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Craig Gunther
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold weekly electronic meetings together with IEC 65C/WG18 to progress the work of the IEC/IEEE 60802 Joint Project on Mondays and Fridays 9:00-11:00 ET starting July 18, 2022.
- Agenda will be announced on the [802.1 Minutes email list](#) at least 5 calendar days before the electronic meeting.
- Access information is posted on the <http://www.ieee802.org/1/tsn> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Ludwig Winkel
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold weekly electronic meetings to progress the P802.1DG project on Tuesdays 9:00-11:00 ET starting August 2, 2022.
- Agenda will be announced on the [802.1 Minutes email list](#) at least 5 calendar days before the electronic meeting.
- Access information is posted on the <http://www.ieee802.org/1/tsn> page and will be updated as necessary.
- Proposed: Craig Gunther
- Second: János Farkas
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold bi-weekly electronic meetings together with SAE AS6675 to progress the work of the P802.1DP / SAE AS6675 Joint Project on Wednesdays 10:00-12:00 ET starting July 20, 2022.
- Agenda will be announced on the [802.1 Minutes email list](#) at least 5 calendar days before the electronic meeting.
- Access information is posted on the <http://www.ieee802.org/1/tsn> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Craig Gunther
- Approved by acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold an electronic meeting to discuss common TSN for converged networks 9:00-11:00 ET on October 12, 2022.
- Agenda will be announced on the [802.1 Minutes email reflector](#) at least 10 calendar days before the electronic meeting.
- Access information is posted on the <http://www.ieee802.org/1/tsn> page and will be updated as necessary.
- Proposed: János Farkas
- Second: Stephan Kehrer
- Approved by acclamation

Nendica

WG MOTIONS

Motion

- 802.1 authorizes Nendica to hold weekly electronic meetings each Thursday 09:00-11:00 ET starting July 21, 2022.
 - Agenda to be announced subject to notice of at least 5 calendar days at the [802.1 Minutes email list](#).
 - Access and agenda information are provided on the calendar at <https://1.ieee802.org/802-nendica/>.
- Proposed: Paul Congdon
- Second: Johannes Specht
- Approved by acclamation

Motion

- 802.1 authorizes Nendica to hold additional meetings as announced at least 10 days in advance.
 - Dates, times and agenda to be announced subject to notice of at least 10 days to the [802.1 Minutes email list](#).
 - Access and agenda information are provided on the calendar at <https://1.ieee802.org/802-nendica/> .
- Proposed: Jessy Rouyer
- Second: Roger Marks
- Approved by acclamation

Motion

- 802.1 authorizes the IEEE 802 Nendica to hold joint meetings with the 802.3 NEA to discuss cut-through forwarding.
- Dates, times and agenda to be announced subject to notice of at least 10 days to the [802.1 Minutes email list](#) .
- Access information is posted on the Nendica page and will be updated as necessary.
- Proposed: Johannes Specht
- Second: Paul Congdon
- Approved by acclamation

Any other business?

Motion

- 802.1 authorizes the TSN TG to generate PAR and CSD at the September 2022 interim session for pre-circulation to the EC for an IEEE 802.1 standard on Cut-Through Forwarding.
- Proposed: Johannes Specht
- Second: Jordon Woods
 - Move to call the question:
 - In the WG (y/n/a): 21, 16, 6
- In the WG (y/n/a): 16, 23, 8

802 chair requested update

Nendica CTF History & 802.1 Status

- Nendica CTF Study Item opened in March 2021 and has met many times since
- 802.1 WG pre-submitted CTF PAR (P802.1DU) Jan. 2022
 - Withdrew the request in March in the face of comments
- held 7 Joint CTF meetings along with 802.3 NEA
 - April-June 2022
 - Outcome: no consensus yet
- Nendica met about 3 hours on CTF at July 2022 Plenary
 - No consensus on what supporting MAC an 802.1 Cut-Through Forwarding standard would use and, if needed, where to specify it.
- At 802.1 WG Closing of 2022-07-14, motions were made
 - *802.1 authorizes the IEEE 802 Nendica to hold joint meetings with the 802.3 NEA to discuss cut-through forwarding.*
 - *Dates, times and agenda to be announced subject to notice of at least 10 days to the 802.1 Minutes email list.*
 - *Access information is posted on the Nendica page and will be updated as necessary.*
 - *In the 802.1 WG: approved by acclamation*
 - *802.1 authorizes the TSN TG to generate PAR and CSD at the September 2022 interim session for pre-circulation to the EC for an IEEE 802.1 standard on Cut-Through Forwarding.*
 - *In the 802.1 WG (y/n/a) 16/23/8 (motion failed)*