



Closing Plenary November 2021

Glenn Parsons – IEEE 802.1 WG Chair

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802.1 plenary agenda

Monday, November 8th 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
- Nendica summary
- TG agendas
- Any other business

Tuesday, November 16th closing

- [Copyright Policy](#)
- [Call for Patents](#)
- [Participant behavior](#)
- Administrative
- Membership status
- Future Sessions
- Sanity check – current projects
- Outgoing Liaisons
- TG reports
- 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>

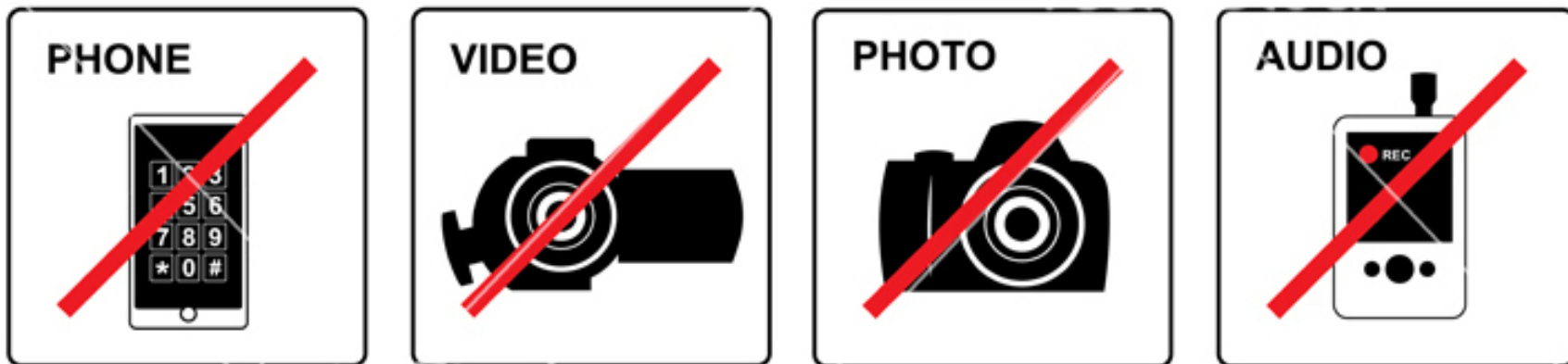
Participants in the IEEE-SA “*individual process*” shall act independently of others, including employers

- 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”

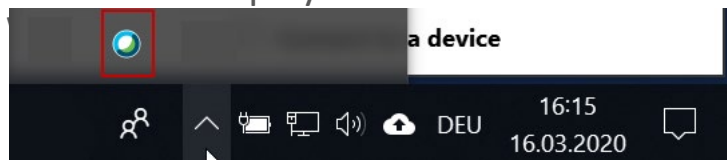
Please provide your information

- 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

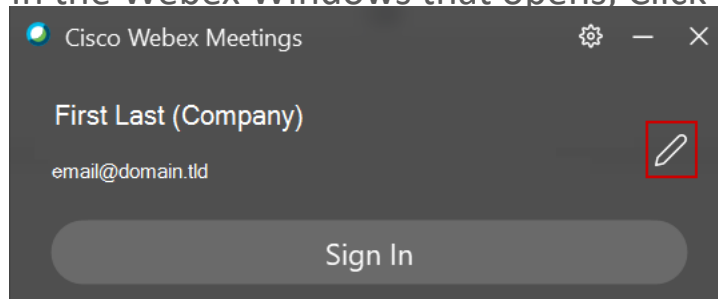
- Go to the "Display hidden icons" arrow in the



- Right-click on the Webex icon and select "Open Cisco Webex Meetings"

Step 2

- In the Webex Windows that opens, Click on the



Plenary Registration Fee

- Attendance at any meeting held during or as part of the Nov 2021 Plenary Session requires registering and paying the appropriate fee
 - USD\$50 payable at least 15 days prior (21 Oct 2021) to start of IEEE 802 Nov 2021 Plenary Session
 - USD\$75 thereafter until the start of the IEEE 802 Nov 2021 Plenary Session
 - USD\$125 thereafter.
- 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/>
 - **Username: p8021 Password: go_wildcats**

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: Christian Boiger
 - 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: Hal Keen and Mark Hantel
- Maintenance of website: Roger Marks

Editors – current projects

- [802.1Q chief editor](#) – Mick Seaman
 - [P802.1Qcj](#) – Scott Fincher
 - [P802.1Qcw](#) – Marina Gutierrez
 - [P802.1Qcz](#) – Paul Congdon
 - [P802.1Qdd](#) – Feng Chen
 - [P802.1Qdj](#) – Stephan Kehrer
 - [P802.1Qdq](#) – Hiroki Nakano
- [P802f](#) – Marc Holness
- [P802.1ABcu](#) – Scott Mansfield
- [P802.1ABdh](#) – Stephen Haddock
- 802.1AC chief editor – John Messenger
 - [P802.1ACct](#) – James Gilb
- 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
- [P802.1BA](#) – David McCall
- [P802.1CBcv](#) – Stephan Kehrer
- [P802.1CBdb](#) – Christophe Mangin
- [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

Affiliation

- You must declare your affiliation(s) which includes employer(s)
 - Per [SASB Bylaws](#) 5.2.1.5 & [SASB OpsMan](#) 5.1.2.3
 - In meetings
 - In-person (and current plenary session) session 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

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

The following are 802.1 voting members (82):

Ademaj, Astrit
Assmann, Ralf
Arunarathi, Venkat
Belliardi, Rudy
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
Gopal, Amrit
Gunther, Craig
Gutierrez, Marina
Haddock, Stephen
Hantel, Mark
Henry, Jerome
Holness, Marc
Hopf, Daniel
Huh, Woojung

Itaya, Satoko
Ito, Yoshihiro
Karl, Michael
Kehrer, Stephan
Kiessling, Marcel
Kelsey, Randy
Lai, Gavin
Lawlis, James
Lopes, Joao
Lv, Lily
Mangin, Christophe
Mansfield, Scott
Maruhashi, Kenichi
Mater, Olaf
McCall, David
McMillan, Larry
Messenger, John
Nakano, Hiroki
Ohue, Hiroshi
Pannell, Donald R
Parsons, Glenn
Petre, Razvan
Potts, Michael
Proell, Dieter
Qiu, Wei
Randall, Karen
Riegel, Maximilian
Rodrigues, Silvana

Rouyer, Jessy V
Sato, Atsushi
Schewe, Frank
Seaman, Michael
Seewald, Maik
Sivakolundu, Ramesh
Specht, Johannes
Stanica, Marius
Steindl, Guenter
Sun, Liyang
Traore, Karim
Turner, Max
Varga, Balazs
Venkatesan, Ganesh
Wang, Tongtong
Wang, Xinyuan
Weber, Karl
Wessels, Leon
Winkel, Ludwig
Woods, Jordon
Yamaura, Takahiro
Yin, Yue
Zeier, Uwe
Zein, Nader
Zhao, William
Zinner, Helge

The following became voting
members this week:

Arunarathi, Venkat
Choudhury, Abhijit
Kiessling, Marcel
Petre, Razvan
Wessels, Leon
Zeier, Uwe

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

Bierschenk, Jens

Gravel, Mark

Katsalis, Kostas

Markwart, Christian

Yang, Chase

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

Cummings, Rodney
Ohue, Hiroshi

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

Maruhashi, Kenichi

Qiu, Wei

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.

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
- Changed to electronic due to COVID-19**
- May 23-27, 2022 ([proposal](#))
 - Santa Fe, NM, USA hosted by Analog Devices
 - September 2022 (proposal in Geneva, CH)
 - 12-16 Sept 2022: co-located 802.1/802.3 meetings
 - 17 Sept 2022 (Saturday): Joint ITU-IEEE workshop
 - 19-30 Sept. 2022: ITU-T SG15

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

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

- March 13-18, 2022 – Orlando, FL, USA
 - Hilton Orlando Lake Buena Vista
- 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
 - March 13-18, 2022 – Orlando, FL, USA
 - **Latest possible decision date:** December 7, 2021
 - July 10-15, 2022 – Montreal, QC, Canada
 - **Latest possible decision date:** March/April 2022
- Interim sessions
 - May 2022 – Sante Fe, NM, USA
 - Defer hosting confirmation to January 2022
 - September 2022 – Geneva, Switzerland
 - Defer hosting approval to March 2022 plenary session

LMSC Items to Consider for In-person Sessions

1. Safety of Attendees

- What requirements should IEEE 802 enforce for attendance at in-person venues?
 - Vaccinated / Testing
 - Masks / social distancing

2. Travel authorizations from/to Countries

3. Travel authorizations from Companies

4. Number possible to attend

5. Social Distancing impacts on meeting space

Straw poll

– When do you expect the next in-person 802.1 session will be?

• A – March 2022	-	16
• B – May 2022	-	24
• C – July 2022	-	16
• D – Sept 2022	-	5
• E – Nov 2022	-	4
• F – 2023 or later	-	7
• No Answer	-	12

(86 in the room)

Straw Poll

- If the 2022 March Plenary Session is held in Orlando, Florida as an in-person only session, will you attend?
 - Yes - 28
 - No - 42
 - No answer - 13

(83 in the room)

Straw Poll

- If the 2022 March Plenary Session is held in Orlando, Florida as a mixed-mode session, will you attend?

– Yes, Attend In-person	-	22
– Yes, Attend Virtually (remotely)	-	43
– No, Will not attend plenary	-	5
– No answer	-	16

(86 in the room)

Technical Plenary

- The [802.1 Technical Plenary](#) is a vehicle for addressing specific **technical** problems across all 802.
- A new series around sessions to initially provide wider awareness for the revision of IEEE Std 802
- Logistics
 - First meeting - Dec 2nd – 4-6 pm ET
 - Subsequent meetings before interim or plenary sessions

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	D1.3	WG ballot	Dec '23
802.1CQ	Multicast and Local Address Protocol	TG Ballot	TG Ballot	D0.7	TG Ballot	Dec '22
802.1ACct	support for 802.15.3	PAR Extension	SA Ballot	D2.0	RevCom	Dec '21
802.1ABcu	LLDP YANG	RevCom	RevCom	D2.3	Approval	Dec '21
802.1CBcv	FRER YANG & MIB	SA Ballot	SA Ballot	D2.1	RevCom	Dec '22
802.1Qcw	TSN (Qbu, Qbv, Qci) YANG	PAR Extension	WG ballot	D1.3	WG ballot	Dec '23
802.1Qcz	Congestion Isolation	SA Ballot	SA Ballot	D2.1	SA Ballot	Dec '22
60802 (DA)	TSN Profile for Industrial Automation	TG Ballot	TG Ballot	D1.3	TG ballot	Dec '22
802.1CBdb	FRER (CBcv) extensions	SA Ballot	SA Ballot	D2.1	RevCom	Dec '22
802.1DC	QOS provision by network systems	WG Ballot	TG Ballot	D1.1	WG Ballot	Dec '22
802.1Qdd	Resource Allocation Protocol	TG Ballot	TG Ballot	D0.5	TG ballot	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	D1.3	TG ballot	Dec '23
802.1ABdh	LLDPv2	SA Ballot	SA Ballot	D2.1	RevCom	Dec '23
802.1Qdj	TSN Configuration Enhancements	TG ballot	TG ballot	D0.1	TG ballot	Dec '23
802.1AEdk	Privacy enhancements for use with MACsec	TG Ballot	TG ballot	D1.2	TG ballot	Dec '23
802f	EtherType YANG	WG Ballot	WG Ballot	D1.0	WG Ballot	Dec '23
802.1ASdm	Hot standby	TG Ballot	TG Ballot	D0.3	TG Ballot	Dec '24
802.1Q-REV	Bridges and Bridged Networks	SA Ballot	SA Ballot	D1.0	SA Ballot	Dec '24
802.1ASdn	Time Synch YANG	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1DP	TSN Profile for Aerospace	TG Ballot	PAR approved		Editor's draft	Dec '24
802.1BA-rev	AVB Systems	SA Ballot	RevCom	D2.0	Approval	Dec '24
802.1AS/cor1	Timing and Synchronization corrigendum	SA Ballot	SA Ballot	D4.0	RevCom	Dec '24
802.1Qdq	Tspec	TG Ballot	PAR approved		Editor's draft	Dec '25
802.1ASdr	Inclusive Language	TG Ballot	PAR approved		Editor's draft	Dec '25
802.1ASds	half-duplex support	PAR Development	PAR Development		PAR Approval	

802.1 PARs this session

- 802.1ASds -
Amendment: Support
for the IEEE Std 802.3
Clause 4 Media Access
Control (MAC)
operating in half-
duplex, [PAR](#) and [CSD](#)
- Special session process
 - Pre-circulation of PARs
 - due Oct 5
 - Maintenance TG prepares
802.1 comments
 - due Nov 10
 - 802.1 response to other
WG comments
 - due Nov 17
 - EC approval
 - Nov 19

Other 802 PARs this session

- 802.3df - Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Operation, [PAR](#) and [CSD](#)
- 802.11bb - Amendment: Light Communication, [PAR Modification](#), and [CSD](#)
- 802.15ma - Standard for High Data Rate Wireless Multi-Media Networks - Revision to IEEE Standard 802.15.3-2016, [PAR](#) and [CSD](#)
 - 802.1 [comments](#)

Liaison Resources

- IEEE 802.1 Liaison Page
 - <https://1.ieee802.org/liaisons/>
 - Links to the Liaison Table (updated for each session) and Liaison Templates
- Updated 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 a draft.

Incoming Liaisons

- TSN
 - **3GPP WG SA2:** [LS](#) on Correction Field update for Transparent Clock
 - **ITU-T SG15:** [LS330](#) on Revision of G.8012 and G.8021 (updates [LS316](#))
 - **OPEN Alliance:** [LS](#) Request to establish a liaison relationship
 - **EtherCAT:** [LS](#) Draft sharing between IEEE 802.1 WG and EtherCAT
 - **ITU-T SG13:** [LS 217](#) Work items related to deterministic communication in SG13
 - **ITU-T SG15:** [LS 271](#) on updated recommendations on Ethernet
 - **ISO/IEC JTC1/SC6 :** [PWI proposal](#) on Deterministic Wireless Industrial Network
 - **LNI 4.0:** [draft sharing](#) between IEEE 802.1 WG and LNI 4.0
- Maintenance
 - **ITU-T SG15** [LS 312](#), Request input on OTNT Standardization Work Plan Issue 29
 - **MEF:** [LS318](#) MEF reply to ITU-T SG15 SG15-LS329, reference MEF 10 in G.8021
 - **MoCA:** [LS](#) with 2 MoCA specifications [MAC/PHYv2.0](#) and [MAC/PHYv2.5](#)
 - **ISO/IEC JTC1/SC6:** FDIS Ballot Comments on IEEE Std 802.1AS, IEEE Std 802.1Qcc, and IEEE Std 802.1CMde.
- YANGsters
 - **BBF:** [LS475](#) strategy to bind IEEE 802.1Qcx to IETF Alarm Management model

Outgoing Liaisons

- Motions from TSN:
 - Approve liaison response to ITU-T SG13 LS 217 Work items related to deterministic communication in SG13
 - <https://www.ieee802.org/1/files/private/liaison-drafting/draft-liaison-response-itu-t-SG13-LS217-determcommunications-0921-v00.pdf>
 - Approve liaison response to OPEN Alliance re: establishing liaison relationship
 - <https://www.ieee802.org/1/files/private/liaison-drafting/draft-liaison-response-OPENAlliance-LiaisonRequest-1121-v00.pdf>
 - Approve liaison to IETF Internet Area WG to share P802.1CQ
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-ietf-802-1CQ-1121-v01.pdf>
 - Approve liaisons to share drafts with EtherCAT, LNI 4.0 and OPC Foundation
 - <https://www.ieee802.org/1/files/private/liaison-drafting/draft-liaison-response-EtherCAT-draftsharing-1121-v00.pdf>
 - Send latest drafts of IEC/IEEE 60802 and IEEE P802.1Qdd to LNI 4.0 and latest draft of IEC/IEEE 60802 draft to OPC Foundation
- Motions from Maintenance:
 - Approve liaison response to ITU-T SG15 LS 312: OTNT Standardization Work Plan Issue 29
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-response-itu-t-sg15-otnt-swp-1121-v01.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-response-itu-t-sg15-LS312-OTNT-SWP-1121-v01.docx>
 - Approve liaison to MoCA
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-response-MoCA-MoCADraftsforreview-1121-v01.pdf>
 - Approve response to FDIS comments from ISO/IE JTC1 SC6 on IEEE 802.1Qcc, IEEE 802.1CMde, and IEEE 802.1AS
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1QccFDIS-0921-v01.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1CMdeFDIS-1121-v02.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1ASFDIS-0921-v01.pdf>
 - Approve liaison of the following to ISO/IEC JTC1/SC6:
 - Send standard(s) to ISO/IEC JTC1 SC6 for adoption under the PSDO agreement, published: IEEE P802.1ABcu, IEEE P802.1BA-Rev, IEEE P802.1ACct, IEEE P802.1AS/Cor1, IEEE P802.1Abdh, IEEE P802.1CBcv, IEEE P802.1CBdb, IEEE P802.1Q-Rev

Promotion



- IEEE SA marketing collateral
 - [TSN automotive](#), [TSN industrial](#)
 - [TSN logo](#)
- Issue press releases, call for participation or blog posts
 - 802.1CM / Emerging Technology Award – [Beyond Standards](#)
 - Next?
- Tutorial
 - TSN tutorial proposed for development and release in 2022
 - [TSN webinars](#)
 - 802.1 – Sept 16 , TSN toolset – Dec 2, profiles – early 2022
- Presence at Industry Events
 - [TSN/A](#) – 29-30 September 2021
 - [IEEE-SA Ethernet & IP - Automotive Technology Day](#) – 3-4 Nov 2021

Subgroup reports

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

802.1 plenary session

electronic meeting schedule

ET Start	ET End	Monday Nov 8	Tuesday Nov 9		Wednesday Nov 10		Thursday Nov 11		Friday Nov 12		PT Start	CET start	JST start	Monday Nov 15		Tuesday Nov 16
09:00	09:30	Opening plenary	TSN P802.1DG		TSN P802.1DP		TSN	Nendica	TSN		06:00	15:00	23:00	TSN		Closing plenary meeting
09:30	10:00										06:30	15:30	23:30			
10:00	10:30										07:00	16:00	00:00			
10:30	11:00										07:30	16:30	00:30			
11:00	11:30										08:00	17:00	01:00		Security	
11:30	12:00	TSN 60802	TSN 60802	Security	TSN 60802	Security	TSN	TSN 60802	TSN	TSN 60802	08:30	17:30	01:30	TSN 60802		
12:00	12:30										09:00	18:00	02:00			
12:30	13:00										09:30	18:30	02:30			
13:00	13:30										10:00	19:00	03:00			
13:30	14:00	802.1 orientation									10:30	19:30	03:30			
14:00	14:30	TSN	Mainte- nance		TSN		TSN	YANGsters	Mainte- nance		11:00	20:00	04:00	Mainte- nance		
14:30	15:00										11:30	20:30	04:30			
15:00	15:30										12:00	21:00	05:00			
15:30	16:00										12:30	21:30	05:30			
16:00	16:30										13:00	22:00	06:00			

802.1 Leadership meetings

- Every Thursday – 11:00 ET
 - Since February 2020 to manage current shift to electronic sessions
- Editors' meetings
 - 11:00 ET - Thursday after each session (Dec 2nd)
 - Sharing of best practices by editors
- Additional leadership – Nov 16th 12:30 ET
 - Prepare PAR responses, EC consent agenda for Nov 19th EC meeting

Maintenance Session Summary

- Three maintenance TG meetings during the session:
 - November 9, 12, 15, 2021
 - See <https://www.ieee802.org/1/files/public/docs2021/maint-congdon-concall-1121-2-v02.pdf>
- Discussed strategy for IEEE Std 802.1BR expiration and 802.1D withdrawal status
- Created 802.15 CSD Responses
 - <https://www.ieee802.org/1/files/public/docs2021/admin-PAR-CSD-comments-802-15-1121-v02.pdf>
- Discussed 802.1ASdr status. Join IEEE 1588g WG for straw poll if interested
 - <https://ieee-sa.imeetcentral.com/1588public/>
- Comment Resolution:
 - Ongoing P802.1Q-Rev/d1.0
- Liaisons
 - Acknowledged 1 incoming - MEF
 - Drafted 5 outgoing
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-response-MoCA-MoCADraftsforreview-1121-v01.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1ASFDIS-0921-v01.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1CMdeFDIS-1121-v02.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-SC6CommentResponse1QccFDIS-0921-v01.pdf>
 - <https://www.ieee802.org/1/files/private/liaison-drafting/liaison-response-itu-t-sg15-otnt-swp-1121-v01.pdf>
- Maintenance request progress – see: <https://www.802-1.org/meetings/119>
 - 1 newly received items -> technical expert review

ISO/IEC JTC1 SC6 Status

- 39 standards currently PSDO approved
- 4 standards in PSDO adoption process
- 1 standard in PSDO 60-day pre-ballots
- 1 standards queued up to send to PSDO (already approved by WG to send)
- 8 standards to send for adoption
- Motion for documents sent for adoption
 - IEEE P802.1ABcu
 - IEEE P802.1BA-Rev
 - IEEE P802.1ACct
 - IEEE P802.1AS/Cor1
 - IEEE P802.1ABdh
 - IEEE P802.1CBcv
 - IEEE P802.1CBdb
 - IEEE P802.1Q-Rev

Maintenance Next Steps

- Conference call on November 23rd, 2021, to continue P802.1Q-Rev/d1.0 comment resolution
 - <https://1.ieee802.org/maintenance-tg-electronic-meeting-agenda-november-23-2021-11-am-et/>
- Conference calls as needed to address new and existing maintenance requests

Report – Security

1. P802.1AEdk MACsec Privacy Protection

- Draft development continued. Focus has been on MIB & YANG. Still to complete TG ballot comment processing (comments on MIB & YANG, Annex material).
- Working with YANGsters on model issues, Provider Edge Bridge model reuse for EDEs
- Probably further TG ballot early next year

2. Any Other Business (A.O.B.)

- Noted general interest in trusted MAC Addresses (chain/trail of trust for universal assignments). Discussed EAP/.1AR support.
- Noted interest in .1X/MKA support for Quantum Key Distribution.
- Discussed PFC MACsec support interaction (briefly)
- ORAN proposed use of .1X/MACsec

3. Future TG electronic meetings

- **Nov 30, 2021, 13:00 ET (P802.1AEdk, A.O.B.)**
- **Dec 7, 2021, 09:00 ET (PFC & MACsec) ?**
- **Dec 14, 2021, 13:00 ET (P802.1AEdk, A.O.B.)**

IEEE 802.1 TSN TG Summary

IEEE 802 Plenary, November 8-16, 2021

ET Start	ET End	Monday Nov 8	Tuesday Nov 9	Wednesday Nov 10	Thursday Nov 11		Friday Nov 12		PT Start	CET Start	JST Start	Monday Nov 15	Tuesday Nov 16
9:00	9:30	Opening plenary	TSN - P802.1DG Contents & timeline	TSN - P802.1DP/AS6675 Cooperation process, Bridge Policing and Stream Isolation Requirements, End System Traffic Shaping	TSN outgoing liaisons, P802.1ASdm		TSN P802.1Qdq, UNI extensions, Strict Priority RA Class		6:00	15:00	23:00	TSN Common TSN, PFC headroom, P802.1ASdm	Closing plenary
9:30	10:00								6:30	15:30	23:30		
10:00	10:30								7:00	16:00	0:00		
10:30	11:00								7:30	16:30	0:30		
11:00	11:30	recess	recess	recess	recess		recess		8:00	17:00	1:00	recess	
11:30	12:00	TSN - IEC/IEEE 60802 Status updates, 802.1AR adoption, CNC UNI NETCONF over TLS	TSN - IEC/IEEE 60802 Definition and the layout of IA-stations, comment resolution	TSN - IEC/IEEE 60802 Time Sync Error Analysis & Modelling	TSN P802f, P802.1DC, pulsed queues	TSN - IEC/IEEE 60802 ClockTarget & ClockSource	TSN P802.1ASds PAR & CSD, P802.1ASdm	TSN - IEC/IEEE 60802 NETCONF subscriptions & YANG Push	8:30	17:30	1:30	TSN - IEC/IEEE 60802 Boundary Port Isolation, Time Sync Error Analysis	
12:00	12:30								9:00	18:00	2:00		
12:30	13:00								9:30	18:30	2:30		
13:00	13:30								10:00	19:00	3:00		
13:30	14:00	802.1 orientation		recess	recess				10:30	19:30	3:30		
14:00	14:30						11:00	20:00	4:00				
14:30	15:00	TSN liaisons, motions, P802.1CBdb, P802.1ASdm		TSN resource engineering, CTF	TSN P802.1CQ liaison, P802.1ASdm				11:30	20:30	4:30		
15:00	15:30								12:00	21:00	5:00		
15:30	16:00								12:30	21:30	5:30		
16:00	16:30								13:00	22:00	6:00		

- Details are available at: <https://1.ieee802.org/2021-11-plenary-tsn-agenda/>

Current/Recent Nendica Activity

- Study Item: “Cut-Through Forwarding in Bridges and Bridged Networks”
 - 2021-09-16: *“Nendica consensus is that further discussion should be brought to the 802.1 WG or a Task Group.”*
- Study Item: “Evolved Link Layer Architecture [ELLA]”
- “802.1 Topics”
 - PFC Headroom (completed)
 - 2021-09-16: *“Nendica consensus is that further discussion should be brought to the 802.1 WG or a Task Group based on the PAR description in 802.1-21-0052 (rev 00 or newer).”*
 - Pulsed Queuing and Multi-CQF
 - Source (Remote) PFC

Date	Attendance
2021-11-11	44
2021-11-04	17
2021-10-28	15
2021-10-21	14
2021-10-14	14
2021-10-07	15
2021-09-30	25
2021-09-23	33
2021-09-16	20

Date	Attendance
2021-09-09	17
2021-09-02	12
2021-08-26	19
2021-08-19	10
2021-08-12	14
2021-08-05	23
2021-07-29	11
2021-07-22	13
2021-07-15	34

Nendica Meeting 2021-11-11

- Agenda
 - <https://1.ieee802.org/802-nendica-agenda-2021-11-11/>
- Admin
 - Motion “to request meeting authorization on the same terms agreed 2021-07-20”
- CTF Study Item
 - discussion
- ELLA Study Item
 - Motion to request WG authorization for PAR/CSD development on IEEE Std 802 revision
- Pulsed Queuing and Multi-CQF
 - No contribution
- Source PFC update
 - One contribution presented




YANGsters Status

November 2021 802.1 Plenary Session

- YANGsters site
 - <https://1.ieee802.org/yangsters/>
- YANGsters agendas
 - <https://1.ieee802.org/category/yangsters-agenda/>
- Activities
 - Held 13 regular YANGsters calls since end of July 2021 and one two-hour call during the 802.1 interim in September 2021
 - Git and GitHub guidance updated
 - Tooling examples with yanglint (libyang)
 - Support of P802.1Qrev modifications, P802.1CBcv, and P802.1CBdb
- Response to incoming liaison from ETSI
- Motion for weekly meetings to begin 30 November 2021

WG Member Voting



- Access the web voting tool via the “Voting Member – [Cast your vote](#)” link on the 802.1 [November 2021 plenary session](#) page
- When asked to sign in, use your IEEE Account user name and password
- Click the  for IEEE 802.1 Closing Plenary – November 2021
- 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

For November 19, 2021

MOTIONS FOR 802 EC

802.1 consent agenda items for LMSC Closing Plenary

November 2021 electronic

(V6 – 802.1 version #)

Agenda

- PARs to NesCom
 - 5.031 - P802.1ASds
- Drafts to RevCom
 - 5.032 – P802.1AS-2020/Cor1
 - 5.033 – P802.1ACct
 - 5.034 – P802.1ABdh
 - 5.035 – P802.1CBcv
 - 5.036 – P802.1CBdb

Agenda (contd...)

- External communications (ME)
 - 7.021 – Approve 802.1 communication to ITU-T SG15
 - 7.022 – Approve liaison of comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement
 - 7.0?? – Approve submission to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement.
 - 7.0?? – Approve 802.1 communication to ITU-T SG13
- External communications (II)
 - 7.023 – Approve 802.1 communication to ~~3GPP~~ OPEN Alliance
 - 7.024 – Approve 802.1 communication to MoCA
 - 7.025 – Approve 802.1 communication to Ethercat
 - 7.026 – Approve 802.1 communication to ~~LOWN~~ IETF, Internet Area WG
 - 7.0?? - Approve 802.1 draft sharing to OPC Foundation
 - 7.0?? - Approve 802.1 draft sharing to LNI 4.0
 - 7.0?? - Approve 802.1 draft sharing to LNI 4.0

802.1 Motions 2021-11

Consent Agenda

PARs to NesCom

5.031 - Motion

- Approve forwarding P802.1ASds PAR documentation in <https://www.ieee802.org/1/files/public/docs2021/ds-PAR-1121-v01.pdf> to NesCom
- Approve CSD documentation in <https://www.ieee802.org/1/files/public/docs2021/ds-CSD-1121-v01.pdf>
- In the WG, Proposed: Don Pannell, Second: Silvana Rodrigues
 - PAR (y/n/a): 59, 0, 2
 - CSD (y/n/a): 58, 0, 2
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

802.1 Motions 2021-11

Consent Agenda

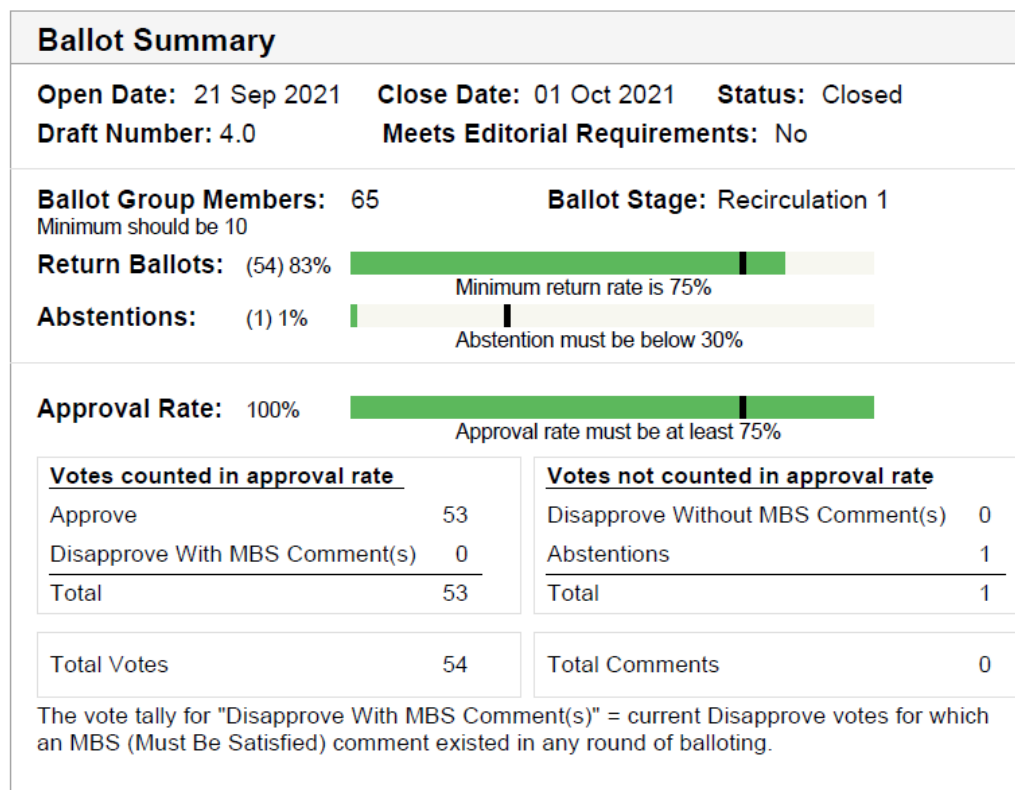
Drafts to RevCom

5.032 - Motion

- Approve sending P802.1AS-2020/Cor1 D4.0 to RevCom
 - No CSD; Maintenance PAR not intended to provide any new functionality.
 - P802.1AS-2020/Cor1 D4.0 had 100% approval, 83% return rate at the end of the first SA recirculation ballot.
- In the WG, Proposed: Paul Congdon, Second: János Farkas
 - Sending draft (y/n/a): 60, 0, 1
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>, <n>, <a>

Supporting information for P802.1AS-2020/Cor1

- SA recirc ballot closed:
 - 1 October 2021
- All SA ballot requirements are met
- The ballot resulted in
 - 0 Disapprove votes
 - 0 comments



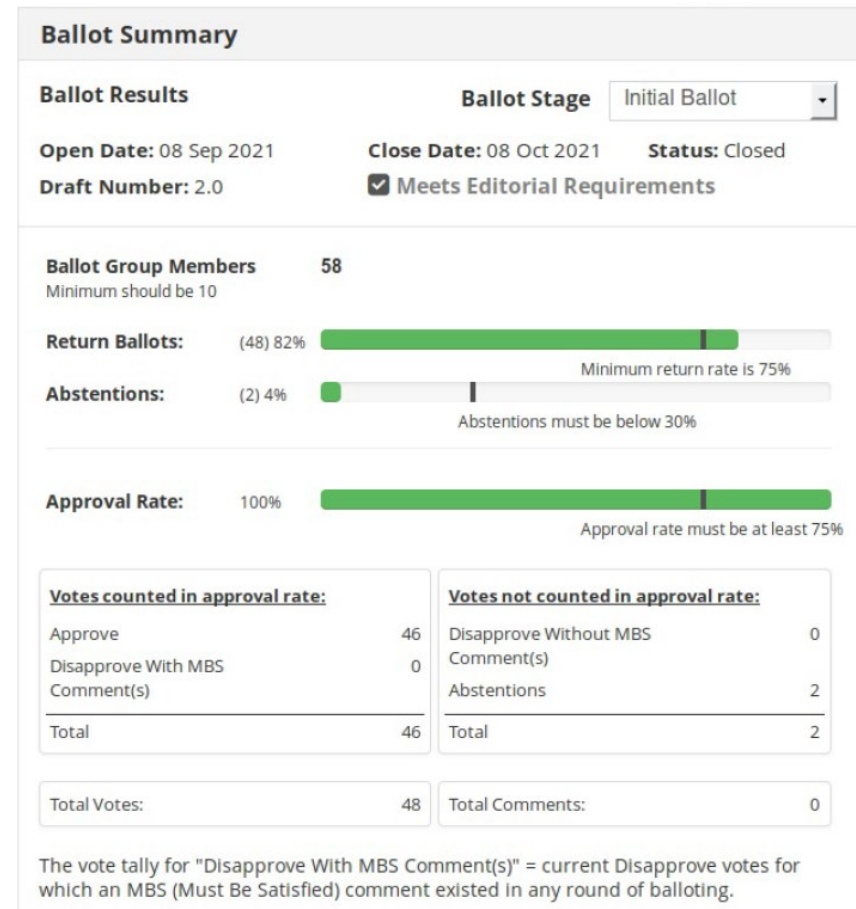
- Comment Disposition:
 - Initial SA ballot: <https://www.ieee802.org/1/files/private/as-2020-cor-1-drafts/d3/802-1AS-2020-Cor1-d3-0-dis.pdf>
 - Recirc ballot: <https://www.ieee802.org/1/files/private/as-2020-cor-1-drafts/d4/802-1AS-2020-Cor1-d4-0-dis.pdf>

5.033 - Motion

- Approve sending P802.1ACct D2.0 to RevCom
- Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/17/ec-17-0155-00-ACSD-802-1acct.pdf>
- P802.1ACct D2.0 had 100% approval, 82% return rate at the end of the initial SA ballot
- In the WG, Proposed: Paul Congdon, Second: Jessy Rouyer
 - Sending draft (y/n/a): 57, 0, 5
 - CSD (y/n/a): 56, 0, 6
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>, <n>, <a>

Supporting information for P802.1ACct

- SA ballot closed:
 - 8 October 2021
- All SA ballot requirements are met
- The ballot resulted in
 - 0 Disapprove votes
 - 0 comments



- Comment Disposition:

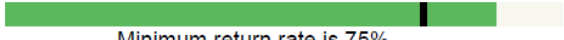
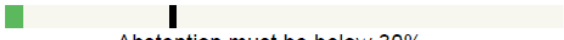
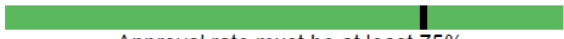
<https://www.ieee802.org/1/files/private/ct-drafts/d2/802-1ACct-d2-0-dis.pdf>

5.034 - Motion

- Approve sending P802.1ABdh to RevCom
- Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0138-00-ACSD-p802-1abdh.pdf>
- P802.1ABdh D2.1 had 100% approval at the end of the last SA ballot
- In the WG, Proposed: János Farkas Second: Steve Haddock
 - Sending draft (y/n/a): 61, 0, 4
 - CSD (y/n/a): 57, 0, 6
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

Supporting information P802.1ABdh

- SA recirc ballot closed:
 - 4 October 2021
- All SA ballot requirements are met
- The ballot resulted in
 - 0 Disapprove votes
 - 0 comments

Ballot Summary	
Open Date: 24 Sep 2021	Close Date: 04 Oct 2021 Status: Closed
Draft Number: 2.1	Meets Editorial Requirements: Yes
Ballot Group Members: 60 Minimum should be 10	Ballot Stage: Recirculation 1
Return Ballots: (53) 88%	 Minimum return rate is 75%
Abstentions: (2) 3%	 Abstention must be below 30%
Approval Rate: 100%	 Approval rate must be at least 75%
Votes counted in approval rate	Votes not counted in approval rate
Approve 51	Disapprove Without MBS Comment(s) 0
Disapprove With MBS Comment(s) 0	Abstentions 2
Total 51	Total 2
Total Votes 53	Total Comments 0
The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.	

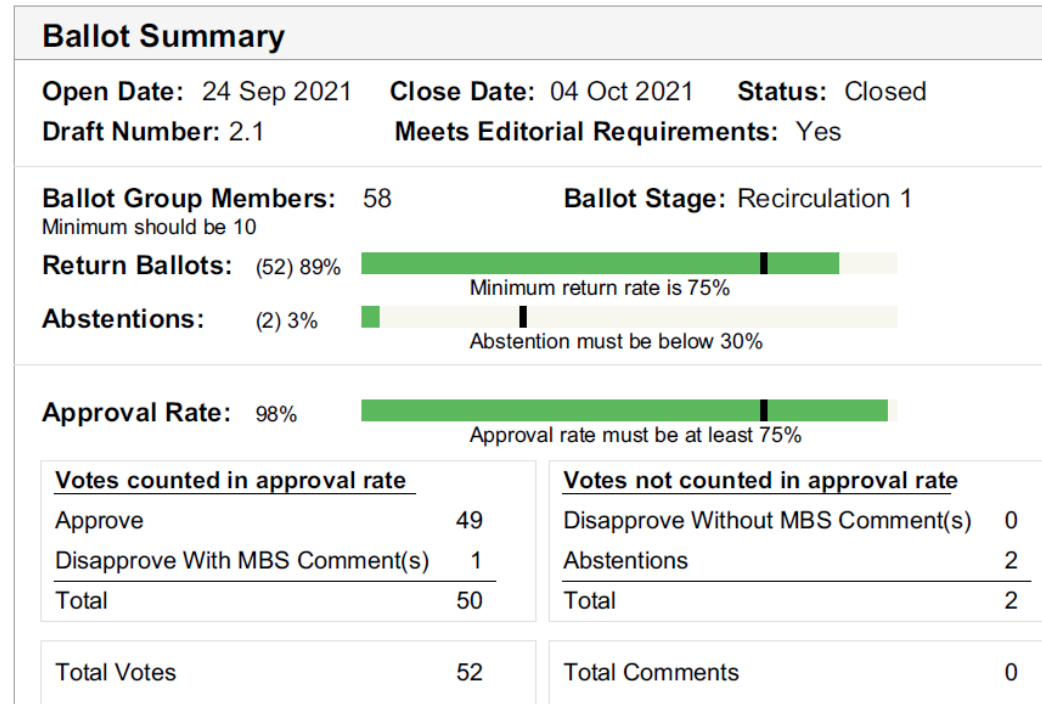
- Comment Disposition:
 - Initial SA ballot: <https://www.ieee802.org/1/files/private/dh-drafts/d2/802-1ABdh-d2-0-dis-v1.pdf>
 - Recirc ballot: <https://www.ieee802.org/1/files/private/dh-drafts/d2/802-1ABdh-d2-1-dis-v1.pdf>

5.035 - Motion

- Approve sending P802.1CBcv to RevCom
- Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0089-00-ACSD-802-1cbcv.pdf>
- P802.1CBcv D2.1 had 98% approval at the end of the last SA ballot
- In the WG, Proposed: János Farkas Second: Stephan Kehrer
 - Sending draft (y/n/a): 61, 0, 2
 - CSD (y/n/a): 57, 0, 5
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

Supporting information P802.1CBcv

- SA recirc ballot closed:
 - 4 October 2021
- All SA ballot requirements are met
- The ballot resulted in
 - 0 new comments
 - 0 new Disapprove votes
 - 1 Disapprove vote outstanding from initial SA ballot (see details on the next slide)
- Comment Disposition:
 - Initial SA ballot: <https://www.ieee802.org/1/files/private/cv-drafts/d2/802-1CBcv-d2-0-dis-v02.pdf>
 - SA Recirc ballot: <https://www.ieee802.org/1/files/private/cv-drafts/d2/802-1CBcv-d2-1-dis-v01.pdf>



Supporting information P802.1CBcv

- The reason the voter maintains Disapprove is unknown
- Comments against D2.0 associated with the outstanding Disapprove:

CI 5 SC 5.14 P14 L22 # I-7
Rannow, R K silverdraft supercomputing

Comment Type TR Comment Status R
Some or all of the functions in 5.12 or 5.13 as both in- and out-facing functions.;

Ambiguous and perhaps incomplete statement

SuggestedRemedy
Some or all of the functions in 5.12 or 5.13 may be used as in- and out-facing functions.

Response Response Status W
REJECT.

The sentence has not been changed from the released IEEE Std 802.1CB-2017. The only change in that line is changing the full stop at the end of the sentence to a comma because P802.1CBcv added new entries.

In the context of the base document together with this amendment, the meaning of the sentence is clear.

CI 1 SC 1.6 P11 L25 # I-8
Rannow, R K silverdraft supercomputing

Comment Type GR Comment Status A
Information Base (MIB) module both based on that UML model support configuration and status reporting.

Ambiguous

SuggestedRemedy
I am just not sure what is being communicated.

Response Response Status W
ACCEPT IN PRINCIPLE.

The intention of the sentence is to point out that a YANG data model as well as a MIB module are provided in order to support configuration and status reporting of the features defined in the standard.

Change the sentence to: "A YANG data model and a Management Information Base (MIB) module, both based on that UML model, are provided in order to support configuration and status reporting."

CI 11 SC 11.5.2 P81 L10 # I-9
Rannow, R K silverdraft supercomputing

Comment Type GR Comment Status R
and therefore is used both for recognizing input packets and

Verbose and perhaps ambiguous ("both" = "and")

Similar scenario on page 162, line 48:

or active (True), and therefore is used both for recognizing

SuggestedRemedy
and therefore is used for recognizing input packets and ...

Page 162: or active (True), and therefore is used for recognizing ...

Response Response Status W

REJECT.
The description text of the managed object is taken from the text defining the managed object in IEEE Std 802.1CB-2017 (10.5.1.4). The sentence was phrased this way intentionally to emphasize that the system performs decoding in one state and both decoding and encoding in the other case.




The comments on the initial SA ballot that are associated with the outstanding disapprove vote have been resolved during ballot comment resolution and the agreed upon resolution of the comments has been integrated in P802.1CBcv/D2.1, which has been recirculated.

5.036 - Motion

- Approve sending P802.1CBdb to RevCom
- Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0090-00-ACSD-802-1cbdb.pdf>
- P802.1CBdb D2.1 had 100% approval at the end of the last SA ballot
- In the WG, Proposed: János Farkas Second: Christophe Mangin
 - Sending draft (y/n/a): 63, 0, 2
 - CSD (y/n/a): 60, 0 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

Supporting information P802.1CBdb

- SA recirc ballot closed:
 - 4 October 2021
- All SA ballot requirements are met
- The ballot resulted in
 - 0 Disapprove votes
 - 0 comments

Ballot Summary	
Open Date: 24 Sep 2021	Close Date: 04 Oct 2021 Status: Closed
Draft Number: 2.1	Meets Editorial Requirements: Yes
Ballot Group Members: 58 Minimum should be 10	Ballot Stage: Recirculation 1
Return Ballots: (50) 86%	 Minimum return rate is 75%
Abstentions: (2) 4%	 Abstention must be below 30%
Approval Rate: 100%	 Approval rate must be at least 75%
Votes counted in approval rate	
Approve	48
Disapprove With MBS Comment(s)	0
Total	48
Votes not counted in approval rate	
Disapprove Without MBS Comment(s)	0
Abstentions	2
Total	2
Total Votes	50
Total Comments	0
The vote tally for "Disapprove With MBS Comment(s)" = current Disapprove votes for which an MBS (Must Be Satisfied) comment existed in any round of balloting.	

- Comment Disposition:
 - Initial SA ballot: <https://www.ieee802.org/1/files/private/db-drafts/d2/802-1CBdb-d2-0-dis-v01.pdf>
 - Recirc ballot: <https://www.ieee802.org/1/files/private/db-drafts/d2/802-1CBdb-d2-1-dis-v01.pdf>

802.1 Motions

2021-07

Consent Agenda

Liaisons and external
communications (ME)

7.021 - Motion

- Approve <https://www.ieee802.org/1/files/public/docs2021/liaison-response-itu-t-sg15-otnt-swp-1121-v01.pdf> as communication to ITU-T SG15 on OTNT Standardization Work Plan Issue 29, 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
 - (y/n/a): 59, 0, 5
- In EC, mover: Glenn Parsons Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

7.022 - Motion

- Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
 - IEEE 802.1AS-2020
 - <https://www.ieee802.org/1/files/public/docs2021/liaison-SC6CommentResponse1ASFDIS-0921-v01.pdf>
 - IEEE 802.1CMde-2019
 - <https://www.ieee802.org/1/files/public/docs2021/liaison-SC6CommentResponse1CMdeFDIS-1121-v02.pdf>
 - IEEE 802.1Qcc-2018
 - <https://www.ieee802.org/1/files/public/docs2021/liaison-SC6CommentResponse1QccFDIS-0921-v01.pdf>
- In the WG, Proposed: Paul Congdon, Second: Karen Randall
 - (y/n/a): 59, 0, 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>, <n>, <a>

7.0?? - Motion

- Approve submission of the following draft(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement, once approved and published.
 - IEEE P802.1ABcu
 - IEEE P802.1BA-Rev
 - IEEE P802.1ACct
 - IEEE P802.1AS/Cor1
 - IEEE P802.1ABdh
 - IEEE P802.1CBcv
 - IEEE P802.1CBdb
 - IEEE P802.1Q-Rev
- In the WG, Proposed: Paul Congdon, Second: Karen Randall
 - (y/n/a): 57, 0, 4
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>, <n>, <a>

7.0?? - Motion

- Approve <https://www.ieee802.org/1/files/public/docs2021/liaison-response-itu-t-SG13-LS217-determcommunications-1121.pdf> as communication to ITU-T SG13 granting the IEEE 802.1 WG chair (or his delegate) editorial license.
 - This approval is under LMSC OM “Procedure for public statements to government bodies”
- In the WG, Proposed: János Farkas, Second: Jessy Rouyer
 - (y/n/a): 59, 0, 3
- In EC, mover: Glenn Parsons, Second: Roger Marks
 - (y/n/a): <y>,<n>,<a>

802.1 Motions

2021-07

Consent Agenda

Liaisons and external communications (II)

7.023 - Motion

- Approve <https://www.ieee802.org/1/files/public/docs2021/liaison-response-OPENAlliance-LiaisonRequest-1121-v01.pdf> as communication to OPEN Alliance, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
- In the WG, Proposed: János Farkas, Second: Karen Randall
 - (y/n/a): 60, 0, 3
- In the EC for information

7.024 - Motion

- Approve
<https://www.ieee802.org/1/files/public/docs2021/liaison-response-MoCA-MoCAdraftsforreview-1121-v01.pdf> as communication to MoCA regarding specifications: MAC/PHYv2.0 and MAC/PHYv2.5, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
- In the WG, Proposed: Paul Congdon, Second: Karen Randall
 - (y/n/a): 54, 0 , 7
- In the EC for information

7.025 - Motion

- Approve <https://www.ieee802.org/1/files/public/docs2021/liaison-response-EtherCAT-draftsharing-1121-v01.pdf> as communication to the EtherCat Technology Group, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
- In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - (y/n/a): 54, 1, 6
- In the EC for information

7.026 - Motion

- Approve
<https://www.ieee802.org/1/files/public/docs2021/liaison-ietf-802-1CQ-1121-v01.pdf> as communication to IETF Internet Area Working Group, granting the IEEE 802.1 WG chair (or his delegate) editorial license.
- In the WG, Proposed: János Farkas, Second: Johannes Specht
 - (y/n/a): 55, 1, 3
- In the EC for information

7.0?? - Motion

- Approve sharing the latest revision of the IEC/IEEE 60802 draft with OPC Foundation.
- In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - (y/n/a): 56, 0, 5
- In the EC for information

7.0?? - Motion

- Approve sharing the latest revision of the IEC/IEEE 60802 draft with LNI 4.0.
- In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - (y/n/a): 54, 0, 6
- In the EC for information

7.0?? - Motion

- Approve sharing the latest revision of the P802.1Qdd draft with LNI 4.0.
- In the WG, Proposed: János Farkas, Second: Ludwig Winkel
 - (y/n/a): 51, 1, 9
- In the EC for information

Administrative

WG MOTIONS

Motion

- 802.1 approves the July 2021 (plenary) and September 2021 (interim) session minutes:
 - <https://www.ieee802.org/1/files/public/minutes/2021-07-minutes-v3.pdf>
 - <https://www.ieee802.org/1/files/public/minutes/2021-09-minutes-v2.pdf>
- Proposed: Jessy Rouyer
- Seconded: János Farkas
- Approved by Acclamation

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/>).
 - November 23, 2021 at 11:00AM ET
<https://1.ieee802.org/maintenance-tg-electronic-meeting-agenda-november-23-2021-11-am-et/>
 - 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

Security TG

WG MOTIONS

MOTION

- Authorize the Security Task Group to hold electronic meetings to progress P802.1AEdk 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 the TSN TG to generate PAR and CSD at the January 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
- In the WG (y/n/a): 43, 7, 10

Motion

- 802.1 authorizes the TSN TG to generate PAR and CSD at the January 2022 interim session for pre-circulation to the EC for an amendment to IEEE Std 802.1Q to specify pulsed queues.
- Proposed: Norman Finn
- Second: Karl Weber
- In the WG (y/n/a): 36, 4, 19

Motion

- 802.1 authorizes the TSN TG to generate PAR and CSD at the January 2022 interim session for pre-circulation to the EC for an amendment to IEEE Std 802.1Q to specify mechanisms for automatic PFC headroom configuration and PFC MACsec interworking.
- Proposed: Lily Lv
- Second: Paul Congdon
- In the WG (y/n/a): 38, 2, 16

Motion

- 802.1 authorizes the TSN Task Group to hold weekly electronic meetings on Mondays 11:00-13:00 ET starting November 22, 2021.
 - 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: Jessy Rouyer
- 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.
 - 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: Jessy Rouyer
- Approved by Acclamation

Motion

- 802.1 authorizes the TSN Task Group to hold an additional electronic meeting to discuss common TSN for converged networks 9:00-11:00 ET on February 9, 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

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 November 19, 2021.
 - 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 December 7, 2021.
 - 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: Stephan Kehrer
- 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 December 8, 2021.
 - 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: Stephan Kehrer
- Approved by Acclamation

Nendica

WG MOTIONS

Motion

- 802.1 authorizes Nendica to generate a PAR and, if appropriate, CSD for pre-circulation to the March IEEE 802 Plenary Session for a revision to IEEE Std 802, taking into account information from the 802.1 Technical Plenary.
- Proposed: Ludwig Winkel
- Second: Dieter Pröll
- In the WG (y/n/a): 48, 1, 8

Motion

- 802.1 authorizes Nendica to hold weekly electronic meetings each Thursday 09:00-11:00 ET starting November 18, 2021.
 - 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: Nader Zein
- Second: Lily Lv
- Approved by Acclamation

YANGsters

WG MOTIONS

Motion

- 802.1 authorizes weekly electronic meetings for the YANGsters subgroup on Tuesdays 10:00-11:00 ET starting with November 30, 2021.
 - Agenda will be announced on the [802.1 Minutes email reflector](#) 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: Jessy Rouyer
- Approved by Acclamation

Any other business?