

# Maintenance Task Group Conference Call

July 7th, 2020  
Paul Congdon  
(post-meeting)

# MEETING INTRODUCTION

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FOR IEEE 802.1 WORKING GROUP AND TASK GROUPS

# 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](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 WG 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 ... do formally object.

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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](mailto:patcom@ieee.org)**

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# 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>

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

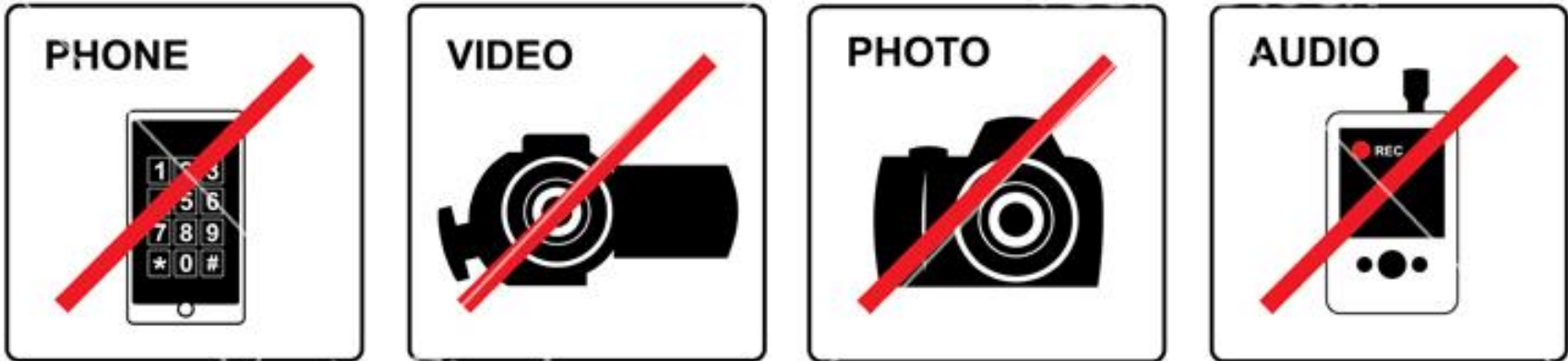
- The [IEEE-SA Standards Board Bylaws](#) require that “*participants in the IEEE standards development individual process shall act based on their qualifications and experience*”
- This means participants:
  - **Shall act & vote** based on their personal & independent opinions derived from their expertise, 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

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## 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 (*SASB Ops Manual 5.3.3.3*)**
- **Video/Audio recording by participants is prohibited (*SASB Ops Manual 5.3.3.2*)**
- **Photography by permission only (*SASB Ops Manual 5.3.3.2*)**
- **Cell phone ringers off please**

# REGISTER ATTENDANCE FOR MINUTES

Please **register** your attendance at IMAT: <https://imat.ieee.org>

- This requires a free IEEE Account.
- Please sign up 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.**

# ELECTRONIC MEETING GUIDELINES

## Please provide your information

- Full name
- Affiliation, as part of your name, e.g., in brackets
- (May provide them in the chat window.)

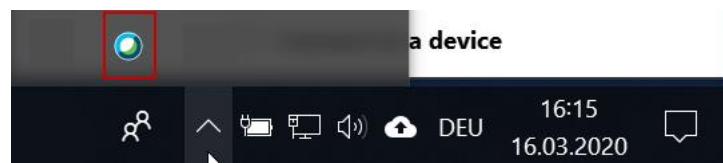
## Please **mute** yourself when you are not speaking

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

## Changing your data in Webex

### Step 1

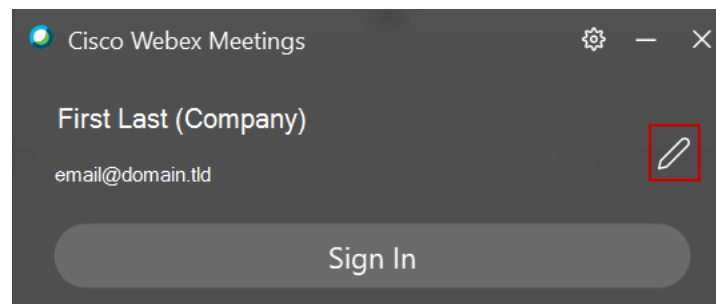
- Go to the "Display hidden icons" arrow in the Windows task bar



- 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



- (May need to Exit Webex via the cog wheel and restart it to see the pencil icon.)



# Maintenance Task Group Meeting

## July 7, 2020 – 11AM EDT

### Agenda

- Meeting introduction
- Approval of agenda
- 802 PAR discussion and response development – [July PARs](#)
- Existing Maintenance Items
  - [0248](#): Managed objects for ECP in 802.1Q-2018 – [Contribution](#) by Paul Bottorff
  - [0242](#): IEEE Std 802.1Qcp-2018: Collected issues on data consistency and others
- New Maintenance Items
  - [0270](#): Missing transmission selection algorithm configuration management
- Saying Goodbye to LLC – [Contribution](#) by Mick Seaman
- Any Other Business

# IEEE 802 PARs Under Consideration

- **For August 4, 2020, 802 EC Teleconference**
  - 802.1ASdn Amendment: YANG Data Model, [PAR](#) and [CSD](#)
  - 802.3 Industry Connections - New Ethernet Applications, [Endorsement Letter & ICAID](#)
  - 802.11ax Amendment: High Efficiency WLAN, [PAR Extension](#)
  - 802.11ba Amendment: Low-power wake-up radio operation, [PAR Extension](#)
  - 802.11bf Wireless Local Area Sensing (SENS), [PAR](#) and [CSD](#)

# Existing Maintenance Items

[0248](#): Managed objects for ECP in 802.1Q-2018

[0242](#): IEEE Std 802.1Qcp-2018:  
Collected issues on data consistency and others

# New Maintenance Item

- [270](#): Missing transmission selection algorithm configuration management

# Progressed

## 7 Jul 2020 Concall Meeting

Location: WebEx

Minutes

Number	Status	Submitted	Standard	Clause	Subject	Draft
0271	Received	2020-07-07	802.1Q-2018	8.6.8	Default configuration for bridges that support credit-based shaper	
0270	Technical experts review	2020-07-07	802.1Q-2018	48	Missing transmission selection algorithm configuration management	
0248	Technical experts review	2019-11-12	IEEE Std 802.1Q-2018	12.26	Managed objects for ECP in 802.1Q-2018	
0242	Technical experts review	2019-09-16	IEEE Std 802.1Qcp-2018	48	IEEE Std 802.1Qcp-2018: Collected issues on data consistency and others	
0204 Closed	Published	2018-01-23	IEEE Std 802.1AS-2011	10.2.12	maintenance request resulting from comment #179 against 802.1AS-Rev/D6.0	P802.1AS-Rev/D7.0
0203 Closed	Published	2018-01-22	IEEE Std 802.1AS-2011	10.2.9.3	802.1 maintenance request: IEEE Std 802.1AS-2011 clarification	
0161	Balloting	2015-05-07	802.1AS-2011	12	Minor errors and typos in 802.1AS FSMs for 802.11 links	802.1AS-Rev
0159	Balloting	2015-02-26	802.1AS-2011	10.2.11	PortSyncSyncSend State Machine priority1	802.1AS-Rev
0140	Balloting	2014-07-15	802.1AS-2011	11	asCapable-HairTrigger	802.1AS-Rev
0138	Balloting	2014-05-13	802.1AS-2011	10.2.11, Figure 10-8	Sync messages can be sent too often	802.1AS-Rev

# Progressed

## 7 Jul 2020 Concall Meeting

Location: WebEx

Minutes

Number	Status	Submitted	Standard	Clause	Subject	Draft
0120	Balloting	2013-07-10	802.1AS	11.2.13.3	Sync receipt timeout due to loss of single Follow_Up message	802.1AS-Rev
0119	Balloting	2013-07-10	802.1AS	10.3.11.3	BMCA - PortAnnounceInformation state machine - downgraded information	802.1AS-Rev
0118	Balloting	2013-07-10	802.1AS	B.1.3.2	Allan variance vertical axis units incorrect	802.1AS-Rev
0117	Balloting	2013-07-10	802.1AS	B.2	Time-aware system requirements	802.1AS-Rev
0116	Balloting	2013-07-10	802.1AS	11.4.2.4	correctionField (Integer64)	802.1AS-Rev
0115	Balloting	2013-07-10	802.1AS	11.4.2.4	correctionField (Integer64)	802.1AS-Rev
0061	Complete then Ballot	2012-11-01	802.1AS-2011	10.2.6.1.1	local variables	802.1AS-Rev