

# Agenda and General Information

IEEE >50 Gb/s bidirectional optical access  
PHYs

Frank Effenberger  
Futurewei technologies  
Teleconference, 14 Sep 2022

# Meeting coordinates

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- Task force has one scheduled session
  - Sep 14, 11:30 to 13:00 UTC (07:30 – 09:00 EDT, 19:30 – 21:00 Beijing)
  - Meeting link is: <https://futurewei.zoom.us/j/8940903884>

# Initial motions

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- Appoint Yuanqiu Luo as recording secretary
- Move to confirm Frank Effenberger as chair
- M:            S:
  - Yes:            No:            Abs:
  - Motion result: *Approved by voice without opposition*

# Task Force Decorum



- An officer is permitted to make an audio or slideshow recording of this meeting exclusively for the purpose of generating minutes which shall not be copied or distributed. **IEEE 802.3 meetings do not use this option.** Recording of the proceedings by any other participant or observer, in part or in whole, via any means, is prohibited. (June 2018 IEEE-SA Standards Board Ops Manual 5.3.3.2)
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (June 2018 IEEE-SA Standards Board Ops Manual 5.3.3.3)
- Cell phone ringers off
- Wear your badges at all times in meeting areas
  - Help the hotel security staff improve the general security of the meeting rooms
  - **PCs HAVE BEEN STOLEN** at previous meetings
  - **DO NOT** assume that meeting areas are secure
- Please observe proper decorum in meetings

# Agenda

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- *Appointment of Recording Secretary*
- *Confirmation of Chair*
- Welcome and Introductions
- Approve Agenda
- Approve previous meeting minutes
- Goals for this meeting
- Big ticket items
- Reflector and Web
- Ground Rules
- IEEE
  - Structure, Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Presentations
- Future Meetings
- Motions and Closing Business

# Initial motions

- Move to approve this agenda
  - M: S:
  - Yes: No: Abs:
  - Motion result: Approved by voice vote without opposition
- There are no previous minutes
- Move to approve the minutes from Dec 2020, located at:  
[https://www.ieee802.org/3/cp/public/2103/P802.3cp\\_unapproved\\_minutes\\_2103\\_Telecon.pdf](https://www.ieee802.org/3/cp/public/2103/P802.3cp_unapproved_minutes_2103_Telecon.pdf)
- M: S:
  - Yes: No: Abs:
  - Motion result: Approved by voice without opposition

# Goals for the meeting

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- Develop the PAR, 5 Criteria for Standards Development, and Objectives

# Big ticket items

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- Decide what speeds to include in our scope and objectives



# Reflector and Web

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- To subscribe to the BIDI reflector, send an email to:

[ListServ@ieee.org](mailto:ListServ@ieee.org)

with the following in the body of the message (do not include “<>”):

*subscribe [stds-802-3-GT50GBIDI](#) <yourfirstname> <yourlastname>  
end*

- Send <<*Task Force name*>> reflector messages to:

[stds-802-3-GT50GBIDI@listserv.ieee.org](mailto:stds-802-3-GT50GBIDI@listserv.ieee.org)

- Task Force web page URL:

<http://www.ieee802.org/3/GT50GBIDI/>

# Task Force Private Area

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- No private area, as we are a SG
- URL: <http://www.ieee802.org/3/cp/private/>
  - Username: 802.3cp
  - Password: <<>>
- Write it down...
- Note - The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights.

# Ground Rules

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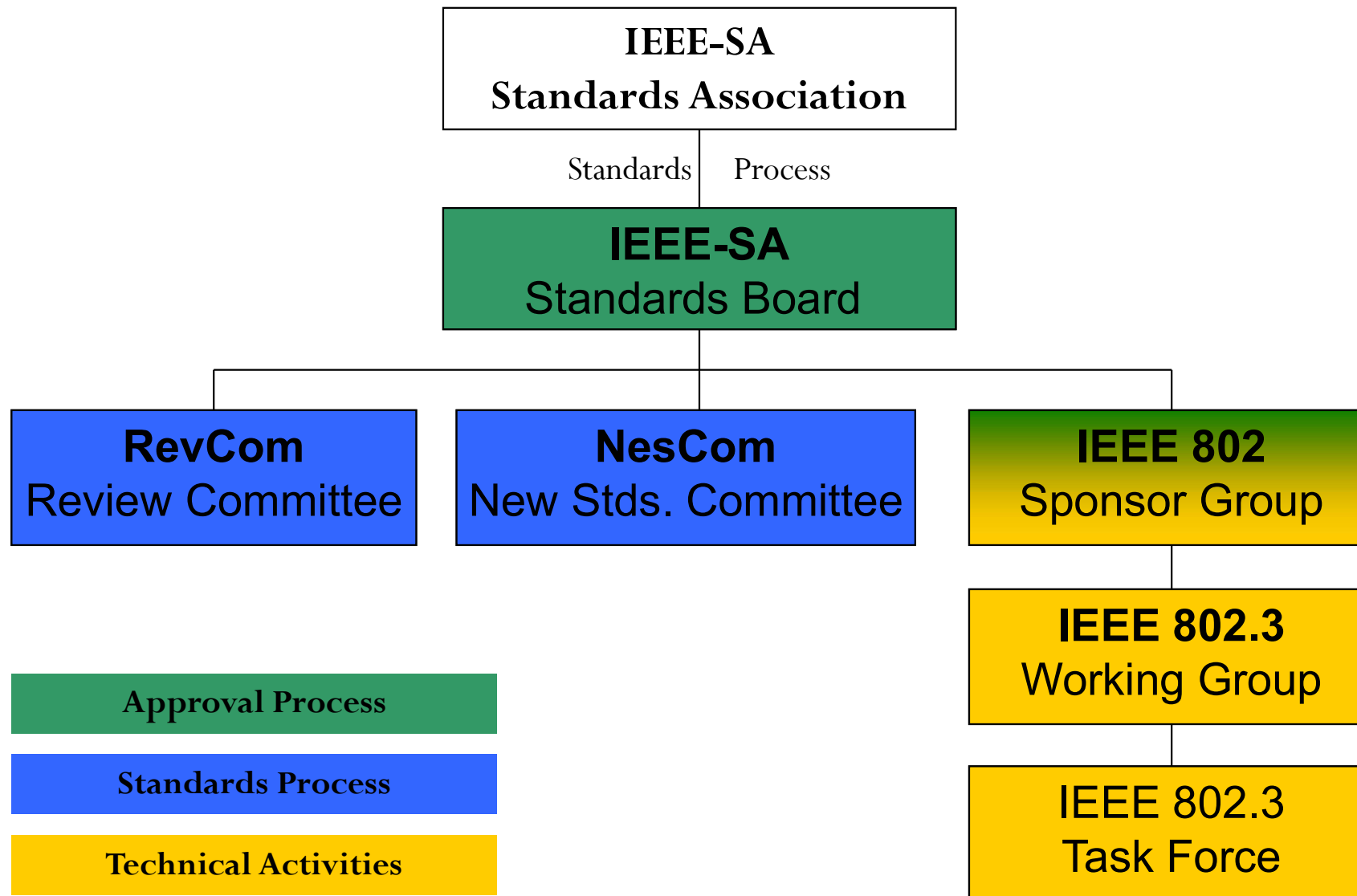
- Based upon IEEE 802.3 Rules
  - Foundation based upon Robert's Rules of Order
  - Anyone in the room may speak
  - Anyone in the room may vote
- **RESPECT**... give it, get it
- NO product pitches
- NO corporate pitches
- NO prices!!!
  - This includes costs, ASPs, etc. no matter what the currency
- NO restrictive notices

# Attendance

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- Tutorial Material on attendance tool
  - [http://ieee802.org/3/minutes/attendance\\_procedures.pdf](http://ieee802.org/3/minutes/attendance_procedures.pdf)
- Access details
  - URL: <http://imat.ieee.org/>
  - (For interim) Password will be provided
- I will take attendance using Zoom. Please enter in your name and affiliation when you log in

# IEEE Structure



# Important Bylaws and Rules

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- **IEEE-SA Operations Manual**  
[http://standards.ieee.org/develop/policies/sa\\_opman/](http://standards.ieee.org/develop/policies/sa_opman/)
- **IEEE-SA Standards Board Bylaws**  
<http://standards.ieee.org/develop/policies/bylaws/>
- **IEEE-SA Standards Board Operations Manual**  
<http://standards.ieee.org/develop/policies/opman/>
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures**  
<https://ieee.app.box.com/v/PandP-LMSC>
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual**  
<http://www.ieee802.org/devdocs.shtml>
- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures**  
<http://www.ieee802.org/devdocs.shtml>
- **IEEE 802.3 Working Group Operating Rules**  
[http://ieee802.org/3/rules/P802\\_3\\_rules.pdf](http://ieee802.org/3/rules/P802_3_rules.pdf)

# Participants have a duty to inform the IEEE

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- 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

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- Cause an LOA to be submitted to the IEEE-SA ([patcom@ieee.org](mailto: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

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- 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

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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)**

# 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>

# Participant behaviour in IEEE-SA activities

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- 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*”

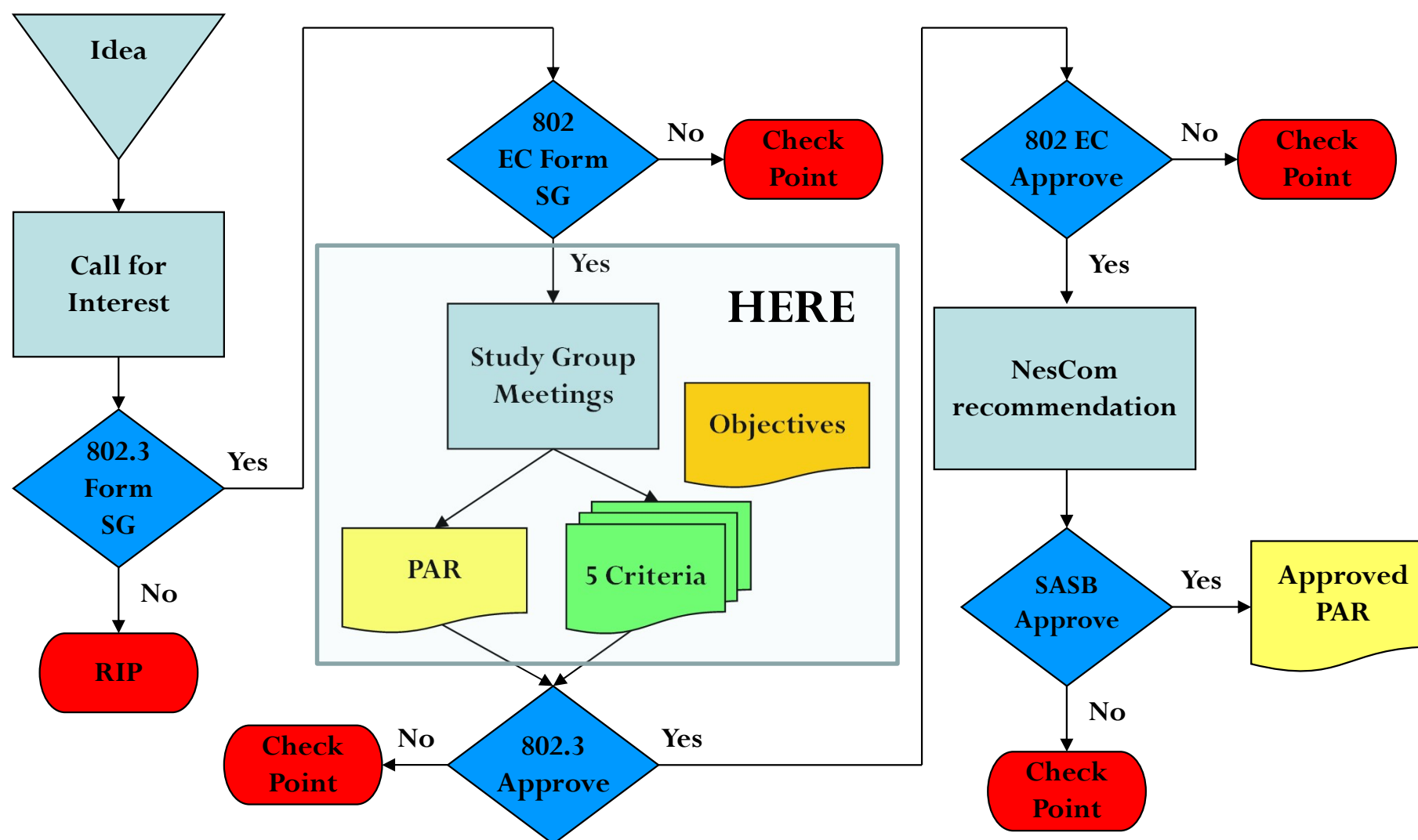
- The [IEEE-SA Standards Board Bylaws](#) require that “*participants in the IEEE standards development individual process shall act based on their qualifications and experience*”
- This means participants:
  - **Shall act & vote** based on their personal & independent opinions derived from their expertise,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

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- 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

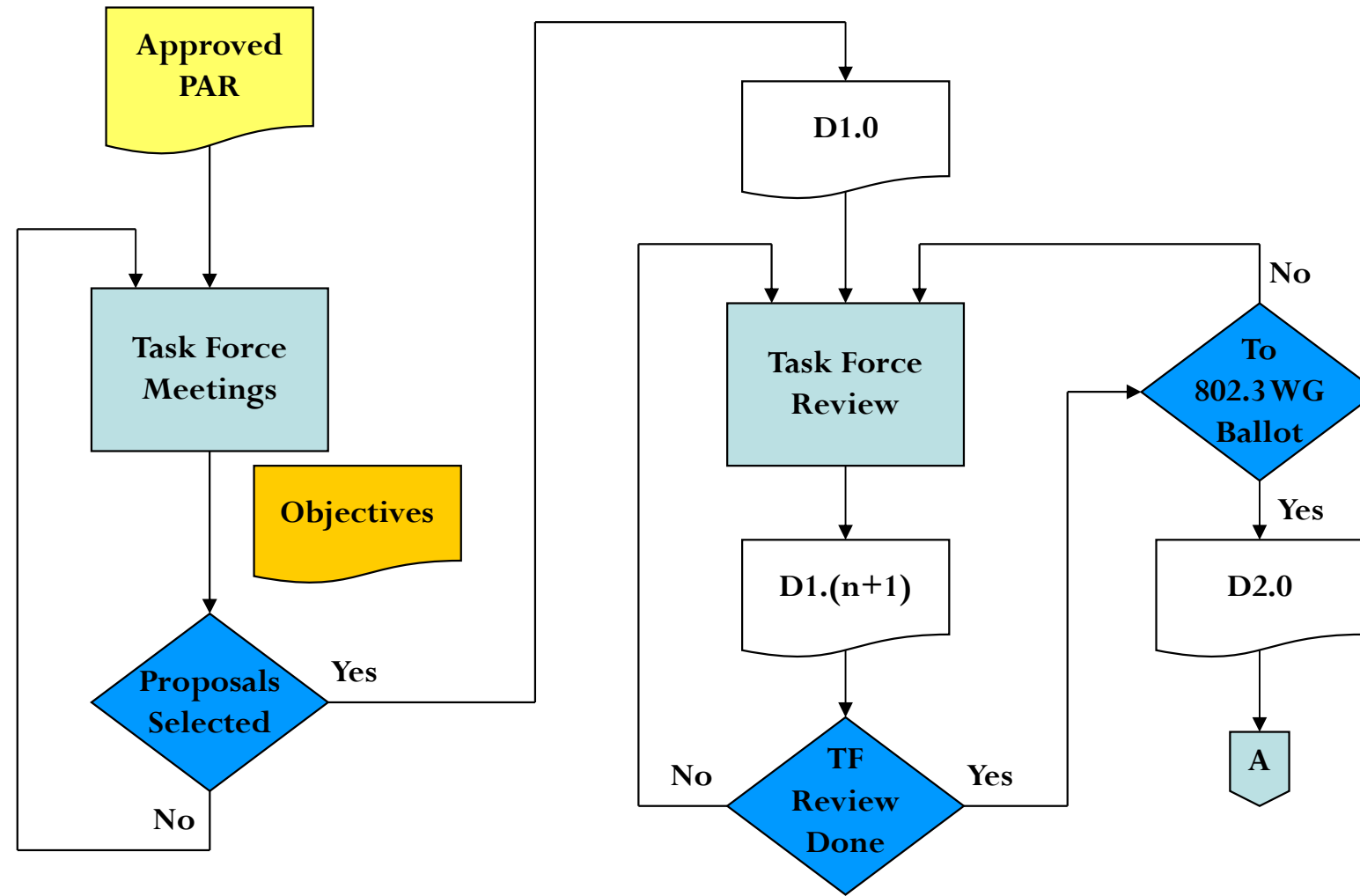
# Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase



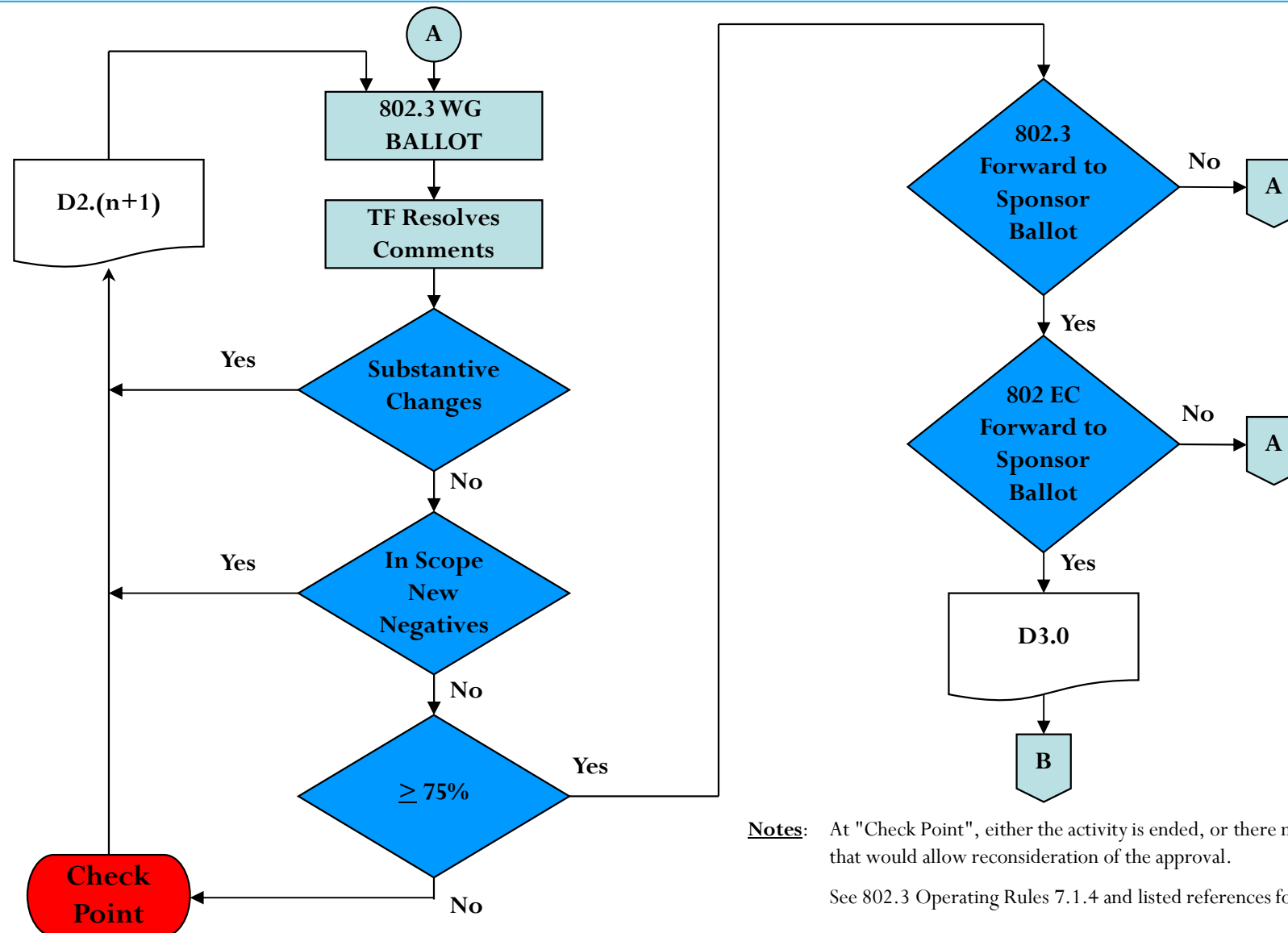
Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.



# Overview of IEEE 802.3 Standards Process (2/5) – Task Force Comment Phase



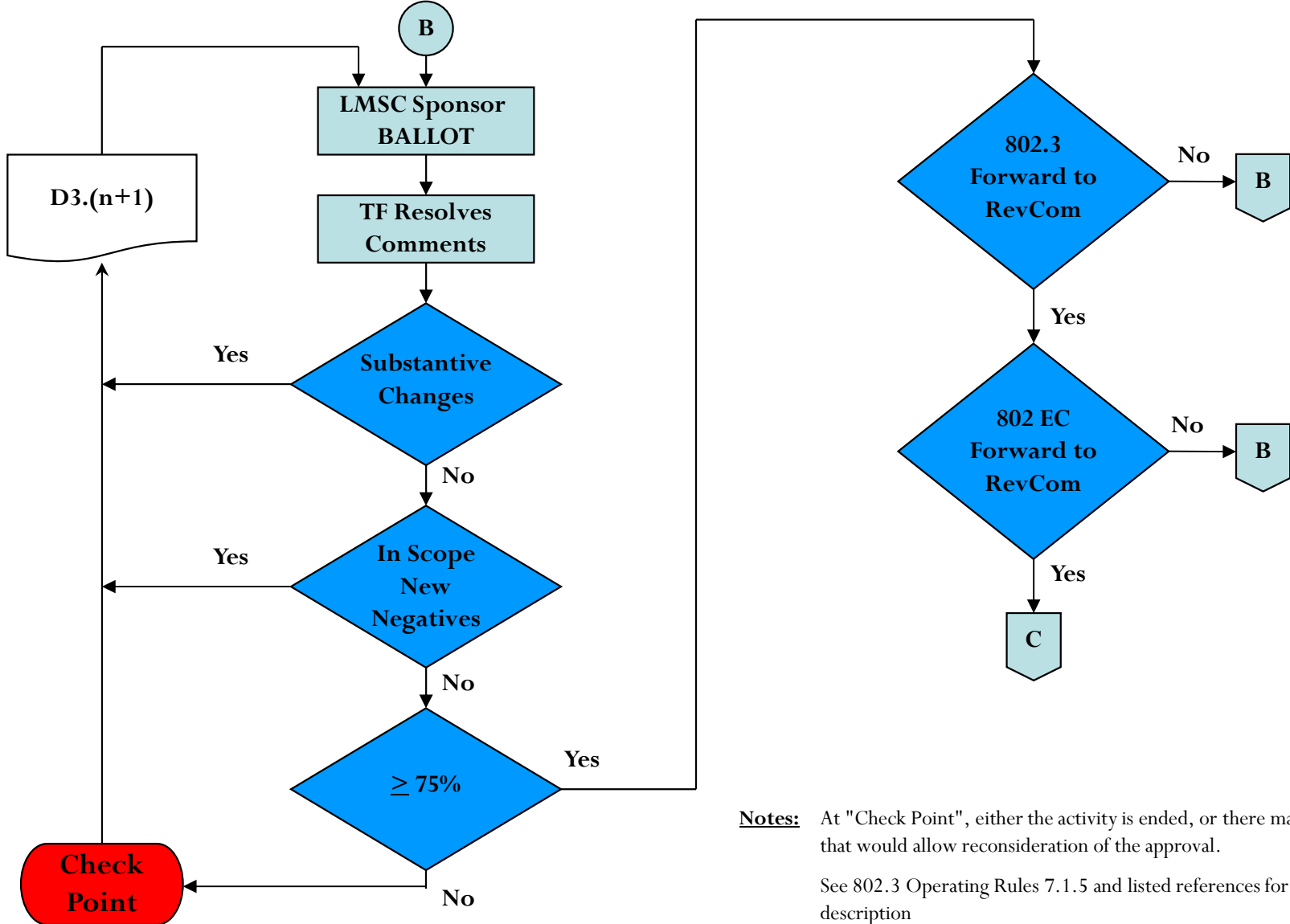
# Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



**Notes:** At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

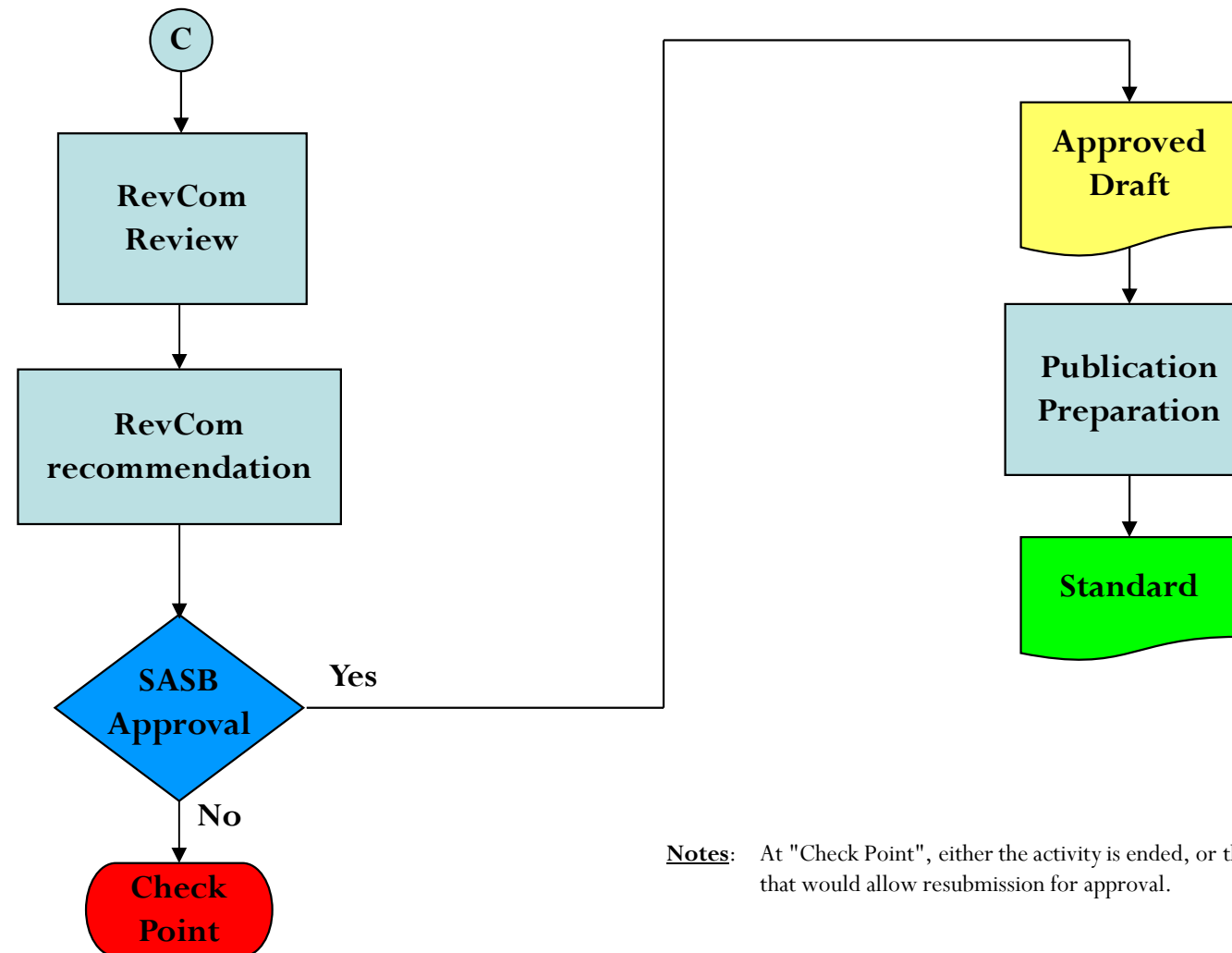
See 802.3 Operating Rules 7.1.4 and listed references for complete description

# Overview of IEEE 802.3 Standards Process (4/5)- Sponsor Ballot Phase



**Notes:** At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.  
See 802.3 Operating Rules 7.1.5 and listed references for complete description

# Overview of IEEE 802.3 Standards Process (5/5) – Final Approvals / Standard Release



**Notes:** At "Check Point", either the activity is ended, or there may be various options that would allow resubmission for approval.

# Contributions

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- |   |                    |           |
|---|--------------------|-----------|
| • Requirements for higher speed bidi PTP optical access | Jun Shan Wey       | Verizon   |
|   | Hiroataka Nakamura | NTT       |
|   | Fabrice Bourgart   | Orange    |
| • Draft PAR   | Frank Effenberger  | Futurewei |
| • Draft 5CSD  | Frank Effenberger  | Futurewei |
| • Draft Objectives                                      | Frank Effenberger  | Futurewei |

# Liaisons and Communications

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- None so far

# Motion #3

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- Move that the SG approve PAR as shown in <link>, and forward to 802.3 for their approval
- Technical ( $\geq 75\%$ )
- M:        S:
- Results Y: N: A:
- Motion Passes

# Motion #4

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- Move that the SG approve CSD as shown in <link>, and forward to 802.3 for their approval
- Technical ( $\geq 75\%$ )
- M:        S:
- Results Y: N: A:
- Motion Passes



# Motion #5

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- Move that the SG approve objectives as shown in <link>, and forward to 802.3 for their approval
- Technical ( $\geq 75\%$ )
- M:        S:
- Results Y: N: A:
- Motion Passes

# Future Meetings

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- See: <http://www.ieee802.org/3/interims/index.html>
- Meeting plan is uncertain – please check back routinely
- If we want to start our TF work in January, then we must be approved by the SA Standards Board in December
- To allow this, we have to submit our PAR to NesCom by Oct 14, so that they can recommend it to the SASB (pending 802 LMSC approval)
- The 5CSD and Objectives can continue to be worked, however, I don't predict we will need that much time
- Hence, I expect our November meeting to be very brief, and most likely a teleconference as I cannot travel to Bangkok
- Anyone interested in hosting an interim meeting contact me or the IEEE 802.3 Executive Secretary [Steve Carlson](#).

# Any other issues?

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# Motion #6

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- Move to adjourn the meeting.
- Procedural (>50%)
- M: S:
- Results Y: N: A:

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# Thank You!