Agenda and General Information

IEEE P802.3dv 400 Gb/s/lane Signaling (400GPL) Task Force

Kent Lusted, Synopsys
Chair Pro Tem, IEEE P802.3dv Task Force
November 2026 Plenary Meeting

Meeting Session Reminders

1. Participation in the November 2026 IEEE 802.3 plenary meeting (face-to-face or remote) requires registration and payment of registration fee. This meeting does count towards IEEE 802.3 Working Group voting membership.
    - If you are not eligible to sign in to IMAT to claim attendance credit
        - For example - you are not going to attend for 75% of the meeting and have not provided your name and affiliation through [Zoom|WebEx],
        - Please send an email to Kent Lusted and Beth Kochuparambil to be recorded in the minutes as an attendee.
    - Please note that support for remote attendance will be provided on best-case effort.

2. When Entering Zoom/Webex Session
    - Please make sure you have your full name and affiliation (in English Characters) noted in the Participants List when entering the meeting
    - To Change
        - Right click on name in participants list
        - Click on Rename
        - Pop up window shows – enter info there
        - Hit Change
    - Failure to do so will result in you being expelled from call in accordance with 802.3 Rules

Non-payment of Registration Fees

Every attendee (Face-to-Face or Remote)
at any IEEE 802 meeting during the November 2026 **IEEE** 802.3 Plenary
must register and pay a fee to participate

<u>If the individual is in arrears:</u>

[1] The individual is not permitted to register for any future IEEE 802 Plenary or IEEE 802 Subgroup Interim (if registration is required).

[2] As a result of [1], the individual is not permitted to attend any portion of a technical meeting that is part of an IEEE 802 plenary session. They are also not permitted to attend any portion of a technical meeting that is part of an IEEE 802 Subgroup Interim if that IEEE 802 Subgroup Interim required registration.

Agenda

- Confirmation of Chair
- Confirmation of Vice-Chair
- Approve Agenda
- Approve Minutes
- Decorum Reminders
- Goals for this meeting
- Reflector and Web
- Ground Rules
- Task Force Rules
- IEEE
  - Structure, Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Presentations, Straw Polls and Motions (see slides 6-9)
- Closing Business
  - Motions, if needed
  - Future Meetings

Approval of Minutes

- 22 Oct 2026 Electronic Interim Meeting:
  - Link_HERE

Monday, 9 November 2026

Monday					
Time	Presenter	Affiliation	Title	File Name	Duration
1:15 PM	Kent Lusted	Synopsys	Agenda and General Information	agenda_3dv_2611	0:30
1:45 PM	Howard Heck	TE Connectivity	Channel Operating Margin (COM) Code for P802.3dv	heck_01	0:15
2:00 PM	John D'Ambrosia	Futurewei, U.S. Subs	Active cables and Project Scope	dambrosia_01	0:20
2:20 PM	John D'Ambrosia	Futurewei, U.S. Subs	Generalized MDI Connector Update	dambrosia_03	0:20
2:40 PM	Matt Brown	Qualcomm	PAM6 Considerations	brown_01	0:20
3:00 PM	break				0:30
3:30 PM	Liav Ben-Artsi	Marvell	Preliminary package models for 802.3dv	ben-artsi_01	0:40
4:10 PM	Toshiaki Sakai	Socionext	Impact of Low-Loss Build-Up Materials on Future 400G/lane Packag	sakai_01	0:40
4:50 PM	Duona Luo	Huawei	Package Channel Study for 400G per Lane	luo_01	0:40
5:30 PM	Discussion/Straw Polls				
6:00 PM	Meeting Recessed for the Day				

All times and order listed are subject to change. See meeting webpage for latest presentation version

Tuesday, 10 November 2026

- No AM1/AM2

Tuesday					
Time	Presenter	Affiliation	Title	File Name	Duration
1:15 PM	Kent Lusted	Synopsys	Agenda and General Information	agenda_3dv_2611	0:05
1:20 PM	Michael He	Terahop	Considerations of 400G/L CD Penalty and Measurement	he_m_01	0:40
2:00 PM	Roberto Rodes	Coherent	400G/lane Optical Specification challenges	rodes_01	0:40
2:40 PM	Guangcan Mi	Huawei	supporting data for on optical transmitter quality metric discus	mi_g_01	0:40
3:20 PM	break				0:20
3:40 PM	Brian Welch	Cisco	Baseline Proposal for 400GPL Single Wavelength Objectives	welch_01	0:40
4:00 PM	Vishnu Balan	Nvidia	Lower BW Tx in 400G/Lane	balan_01	0:40
4:40 PM	Xiaojie Fan	Huawei	Proposed Baseline for 400GPL 500m objectives	fan_x_01	0:40
5:20 PM	Discussion/Straw Polls				
6:00 PM	Meeting Recessed for the Day				

All times and order listed are subject to change. See meeting webpage for latest presentation version

Wednesday, 11 November 2026

Wednesday					
Time	Presenter	Affiliation	Title	File Name	Duration
8:00 AM	Kent Lusted	Synopsys	Agenda and General Information	agenda_3dv_2611	0:05
8:05 AM	Ari Sharon	Terawand	Active Electrical Cables for 400GPL	sharon_01	0:30
8:35 AM	Howard Heck	TE Connectivity	400GPL Channel Topology Considerations	heck_02	0:30
9:05 AM	Howard Heck	TE Connectivity	400GPL Copper Channels	heck_03	0:30
9:35 AM	break				0:20
9:55 AM	Hansel D'Silva	Amphenol	Channel Performance for 400GPL PAM6- C2M and KR	dsilva_01	0:20
10:15 AM	Hansel D'Silva	Amphenol	Channel Performance for 400GPL PAM6- C2M	dsilva_02	0:20
10:35 AM	Hansel D'Silva	Amphenol	Channel Performance for 400GPL PAM6- KR	dsilva_03	0:20
10:55 AM	Andrew Kim	Luxshare	Loss Expectations for Elements in the 400G Copper Channel	kim_01	0:30
11:25 AM	Alex Sverdov	Qualcomm	Constraint-Coded Modulation for PAM6	sverdlov_01	0:40
12:05 PM	Break				1:00
1:05 PM	Hossein Shakiba	Huawei	A New PR Equalization and MLSD that Enable 400G PAM4 over Ban	shakiba_01	0:40
1:45 PM	Rich Mellitz	Samtec	Partial-Response MMSE for MLSD: Targeted Updates to Annex 178,	melltiz_01	0:40
2:25 PM	Discussion/Straw Polls				0:30
2:55 PM	Break				0:30
3:25 PM	Ali Ghiasi	Ghiasi Quantum/Ma	Defining a C2M Interfaces Optimized for NPO	ghiasi_01	0:30
3:55 PM	Eric Bernier	Huawei	PHY Error Allocation for Linear and Partially Retimed Implementati	bernier_01	0:40
4:35 PM	Eugene Opsasnick	Broadcom	Towards a PMA baseline for 400GbE/800GbE/1.6TbE over 400G/Lane	opsasnick_01	0:40
5:15 PM	Discussion/Straw Polls				
6:00 PM	Meeting Recessed for the Day				

All times and order listed are subject to change. See meeting webpage for latest presentation version

Thursday, 12 November 2026

Thursday					
Time	Presenter	Affiliation	Title	File Name	Duration
8:00 AM	Kent Lusted	Synopsys	Agenda and General Information	agenda_3dv_2611	0:05
8:05 AM	Leon Bruckman	Nvidia	APSU direction for 802.3dv	bruckman_02	0:30
8:35 AM	Leon Bruckman	Nvidia	Back Channel for Extended Training (BECT) - Applications	bruckman_01	0:20
8:55 AM	Ali Ghiasi	Ghiasi Quantum, Ma	Potential Knobs for Optical ILT	ghiasi_02	0:20
9:15 AM	Leon Bruckman	Nvidia	Transmitter preset selection protocol	bruckman_03	0:20
9:35 AM	Adee Ran	Cisco	Towards a maintenance channel proposal for P802.3dv	ran_01	0:20
9:55 AM	break				0:30
10:25 AM	Sridhar Ramesh	Maxlinear	Maintenance Channel message format for precise peer-to-peer Tim	ramesh_01	0:30
10:55 AM	Sridhar Ramesh	Maxlinear	Maintenance Channel message format for "Remote CMIS" capabili	galan_01	0:30
11:25 AM	Discussion/Straw Polls/Motions				0:30
11:55 AM	Closing Business				
11:55 AM					
12:15 PM	Meeting Recessed for the Day				0

All times and order listed are subject to change. See meeting webpage for latest presentation version

General Decorum

- An officer of the Standards Committee or any of its subgroups, unless prohibited by the P & P of the Standards Committee or Working Group, is permitted to record the proceedings of an IEEE standards development meeting for which they are responsible by making an audio or slideshow recording or by producing a transcript using software or an artificial intelligence (AI) application approved by IEEE. 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. Software or AI shall not be used** if it enables persons other than the officer making the recording or authorized Standards Department staff to initiate or obtain the transcription or recording.
  - See subclause 5.3.3.2 of the January 2026 IEEE-SA Standards Board Operations Manual
- If a member of the press (i.e., anyone reporting publicly on this meeting) attends a standards development meeting, they shall either inform the chair before the meeting or at the beginning of the meeting of their attendance. The chair shall then announce the presence of the press in attendance at the meeting.
  - See subclause 5.3.3.3 of the January 2026 IEEE-SA Standards Board Operations Manual

In-Person Decorum



- 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 sign into the teleconference **without audio and video**
- Please line up at the floor mic(s) to join the queue
- Please don't speak from your seat—you won't be heard on the teleconference
- Please observe proper decorum in meetings—no sidebar conversations

Teleconference Decorum



- Please **MUTE** unless called on
- Use the “**Chat**” function to be placed into the queue
- The chat can only send to “Everyone” or the officers
- Please observe proper decorum in meetings
- No Video

IEEE 802 Decorum Guidance

- IEEE 802 “Decorum Guidance” @ <https://mentor.ieee.org/802-lmsc/dcn/26/lmsc-26-0015-06-0PNP-decorum-guidance.docx>.
-
- This document provides guidance on addressing any decorum issues that may come up, and will be leveraged, if the need arises, accordingly.

Ground Rules

- 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

Review of IEEE SA Policies

- Email sent to Reflector reminding all to review and be familiar with following policies:
  - IEEE SA Patent Policy
  - IEEE SA Copyright Policy
  - IEEE SA Participation Slides
- See Backup for slides or http://ieee802.org/3/policies.html.

Goals for the meeting

- Hear presentations related to solutions for existing objectives
- Hold technical discussions towards solutions
- Consider potential additional objectives

IEEE P802.3dv 400GPL TF Information

- Organization
  - Kent Lusted, Chair Pro Tem
  - Mark Nowell, Vice Chair Pro Tem
  - Beth Kochuparambil, Recording Secretary

- Study Group Web and Reflector Information
  - Home Page: https://www.ieee802.org/3/dv/index.html
  - Reflector Info: stds-802-3-400GPL@listserv.ieee.org

- Project Documentation
  - PAR: https://www.ieee802.org/3/dv/P802.3dv_PAR.pdf
  - CSD: https://mentor.ieee.org/802-lmsc/dcn/26/lmsc-26-0121-01-LMSC-ieee-p802-3dv-draft-csd.pdf
  - Objectives: https://www.ieee802.org/3/dv/public/project_docs/400GPL_Objectives_260917.pdf

Reflector

- To subscribe to the 400GPL reflector, send an email to:

  ListServ@ieee.org

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

  subscribe **stds-802-3-400GPL** ***<yourfirstname> <yourlastname>***

  end

- Send 400GPL reflector messages to:

  stds-802-3-400GPL@listserv.ieee.org

Voting

- Reference: Excerpt from Section 3.4.2, IEEE 802.3 Operations Manual
- There are two type of votes in the Task Force; votes on motions and votes in straw polls.
  - In face-to-face meetings where a TF is operating with membership rules for voting (see 3.3) only the TF members may make and vote on motions. In face-to-face meetings where membership rules are not in force all TF participants may make and vote on motions, subject only to the provision that they believe that they are qualified to vote on the matter before the TF. **Electronic meetings that will consider motions shall be approved by the WG Chair prior to the meeting announcement. In such meetings only IEEE 802.3 Working Group members may make and vote on motions. If a motion is not approved by unanimous consent it shall be taken as a roll call vote.**
  - **In all cases, regardless of any membership rules that may or may not be in force, all participants who feel qualified may participate in a straw poll**
- IEEE 802.3 Requirements for Working Group voting membership – https://www.ieee802.org/3/rules/member.html

Task Force Rules

- Straw Polls may be taken by IEEE 802.3 voters only, at the Chair's discretion
- Straw Polls may be taken by roll call vote, at the Chair's discretion, at the Chair's discretion
- Straw Polls may be taken by roll call vote by IEEE 802.3 voters only, at the Chair's discretion

Per the IEEE 802.3 Ethernet Working Group Operations Manual, Section 3.4.4, the TF Chair has the authority to establish TF rules beyond the WG rules.

Membership

- Membership requirements (gaining)
  - Attendance in at least 75% of meeting slots at 2 of the last 4 plenary sessions
    - Attendance in at least 75% of meeting slots at recent IEEE 802.3 Ethernet Working Group or Task Group Interim Session may be substituted for one of the two Plenary Sessions
  - Attendance **in at least 75% of the meeting slot's duration** is required for that attendance to count towards gaining or maintaining voting membership
    - **You can only** claim IMAT attendance credit if you attend at least 75% of slot's duration
      - Note – Claiming IMAT attendance credit if you have not attended at least 75% of a slot's duration is not in accordance with IEEE Policies and Procedures, and is a violation of the IEEE Code of Conduct
    - Officers may remove IMAT attendance credit if you attend less than 75% of slot's duration
  - Provide declaration of affiliation and valid contact information
  - Request to become member during potential voter agenda item at an IEEE 802.3 Ethernet Working Group opening or closing **plenary** meeting
- Membership requirements (retaining)
  - Continue to meet above attendance, contact, and affiliation requirements
  - Participate in **two** out of the last **three** Working Group Letter Ballot Series
- For more details see: https://www.ieee802.org/3/rules/member.html

- Note - If you are not eligible to sign in to IMAT to claim attendance credit, for example, you are not going to attend for 75% of the meeting and have not provided your name and affiliation through [Zoom|WebEx], please send an email to Kent Lusted and Beth Kochuparambil to be recorded in the minutes.

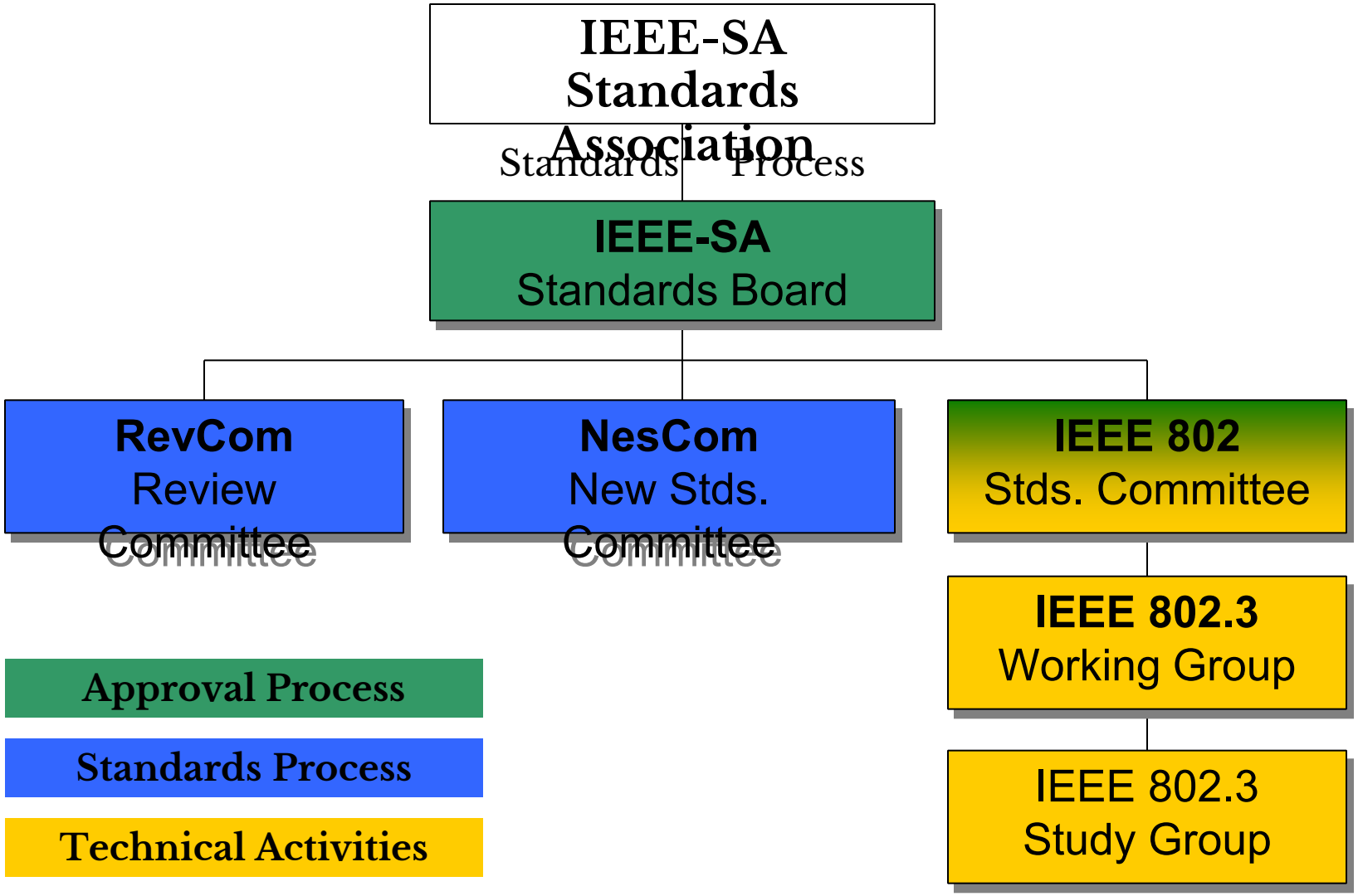
- Note – Meeting attendance records can not be used as evidence to request IMAT attendance credit for a slot.

Attendance

- Tutorial Material on attendance tool
  - http://ieee802.org/3/minutes/attendance_procedures.pdf

- Access details
  - URL: http://imat.ieee.org/
  - No password

IEEE Structure



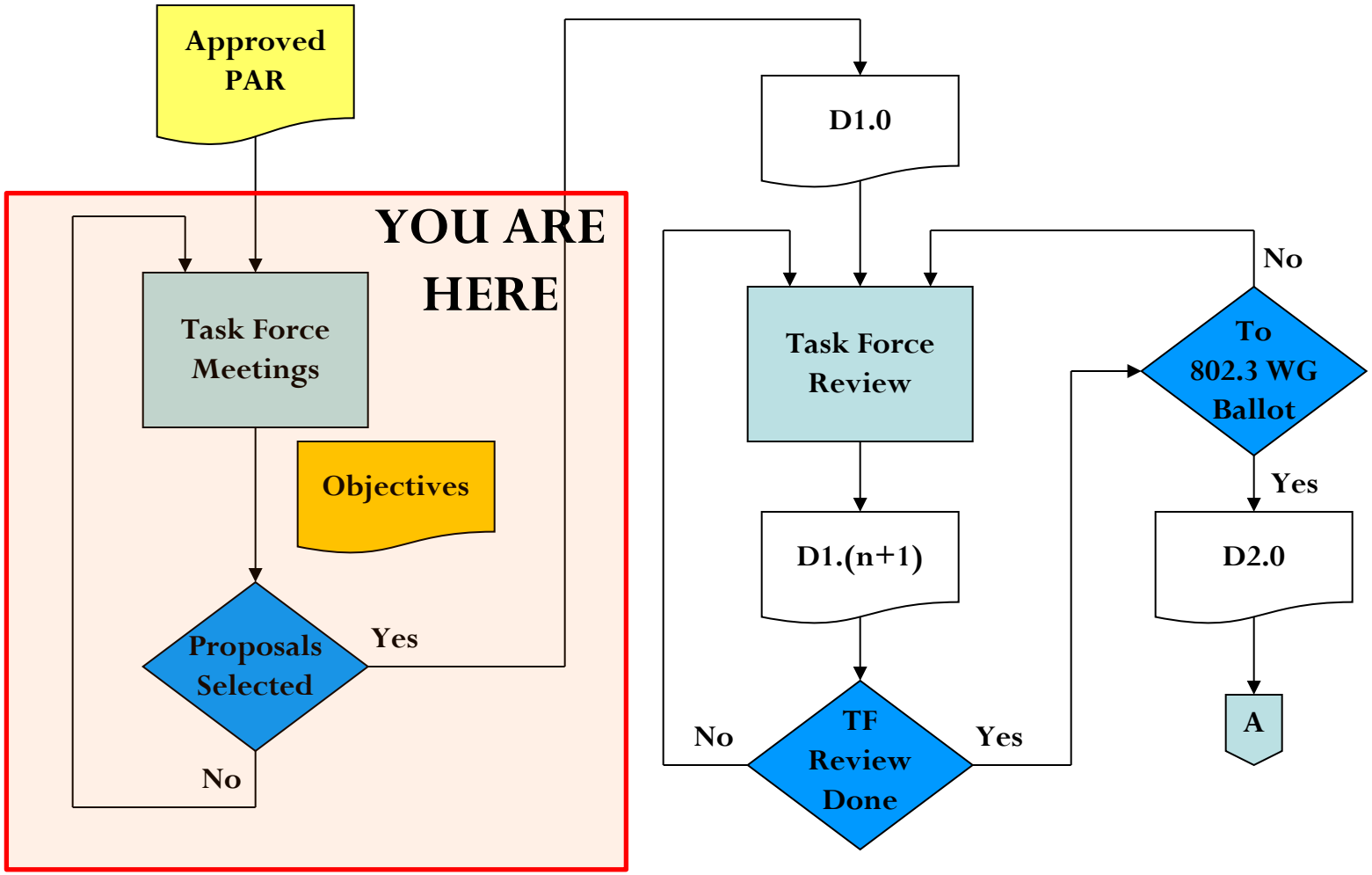
Liaisons and Communications

- Proposed draft Liaison to UEC, UALink, OIF, ITU, INCITS, OCP
- Proposed draft Liaison to XPO, OSFP

Important Bylaws and Rules

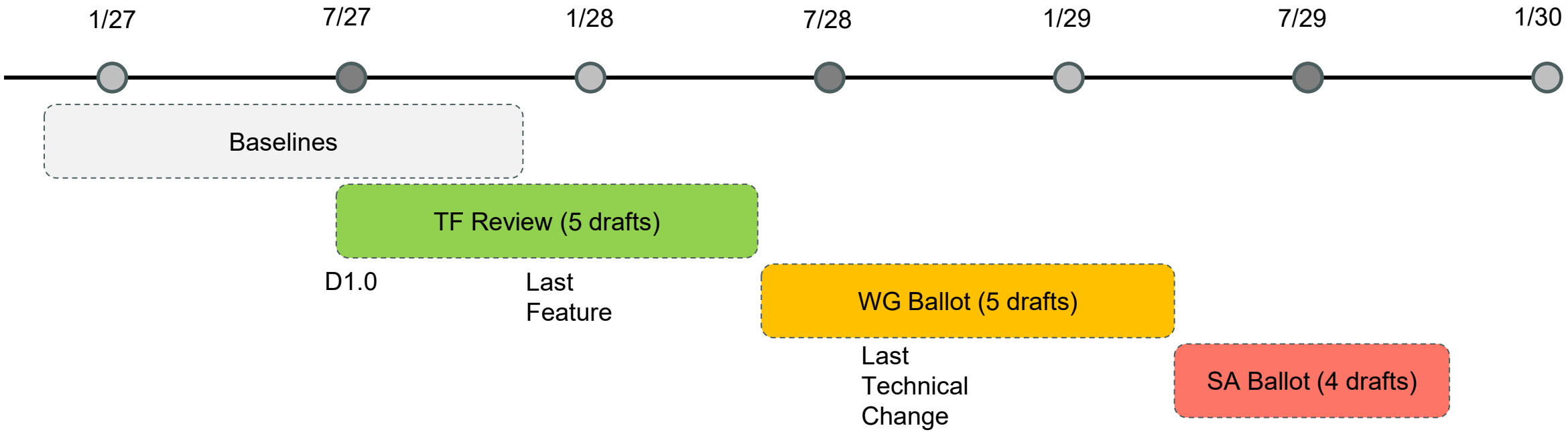
- **IEEE-SA Operations Manual**
  http://standards.ieee.org/develop/policies/sa_opman/
- **IEEE-SA Standards Board Bylaws**
  http://standards.ieee.org/develop/policies/bylaws/
- **IEEE-SA Standards Board Operations Manual**
  http://standards.ieee.org/develop/policies/opman/
- **IEEE 802 LAN/MAN Standards 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

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



Next Steps

Estimated Timeline



- **At the July 2027 meeting we need to initiate D1.0 TF review**
- Strive to move faster
- Expect proposed detailed timeline in early 2027

Future Meetings

- See: http://www.ieee802.org/3/interims/index.html

- November 2026 Plenary
  - Bangkok, Thailand
  - Week of 9 November 2026
- January 2027 Interim
  - Savannah, Georgia, USA
  - Week of 18 January 2027
- March 2027 Plenary
  - Singapore
  - Week of 15 March 2027

- Electronic teleconference meetings to be announced over the 400GPL email reflector
  - Dec 10, 2026. 7-10am Pacific
  - Jan 7, 2027. 7-10am Pacific

Thank You!

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

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
  - https://standards.ieee.org/faqs/copyrights/
- 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

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

IEEE SA STANDARDS ASSOCIATION

IEEE

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

IEEE SA STANDARDS ASSOCIATION

IEEE

Participants in attendance at IEEE Standards development activity meetings shall follow appropriate meeting decorum, and the SA meeting rules, including but not limited to:

- Recording (e.g., via audio, video, photography, artificial intelligence (AI) application or other software) of the proceedings by any participant or observer other than Officers of this IEEE standards development group, in part or in whole, via any means, is NOT permitted. (See IEEE Standards Board Operations Manual subclause 5.3.3.2 Recordings of the proceedings of standards development meetings)
- Participants intending to report publicly on this meeting (e.g., news outlets, social media, or online forums) shall inform the Chair of their attendance and the Chair shall announce their presence and their intent to report publicly.(See IEEE Standards Board Operations Manual Subclause 5.3.3.3 Press attendance)
- Participants shall comply with IEEE SA Standards Board Operations Manual 5.1.4 Standards promotion and social media communication

IEEE SA STANDARDS ASSOCIATION

IEEE

IEEE ETHICS REPORTING LINE



Ethics Reporting Line

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ETHICS AT IEEE

IEEE strives to achieve the highest standards of integrity and endeavors to conduct business around the world in a responsible and ethical way. It is important that those who act on the organization's behalf ensure IEEE's compliance by adhering to the same standards and expectations.

When you become aware of or suspect a violation of IEEE's Code of Ethics, Code of Conduct or Policies, raising your concern should be as easy as possible. For this reason, IEEE has selected EthicsPoint, an independent third party for the receipt and resolution of reports of impropriety. The information you provide will be sent to IEEE by EthicsPoint on an entirely confidential (and, if you choose, anonymous) basis. (For more information see, IEEE's Ethics Reporting Line FAQ)

We will review every concern raised using a defined process to ensure fairness and consistency as defined in IEEE's Bylaws and Policies. We will treat you with dignity and respect throughout the process. You can trust that we will handle your question or concern seriously and as soon as practicable. If something needs to be addressed, we will take action based on what we learn.

ETHICSPOINT IS NOT A 911 OR EMERGENCY SERVICE:

Do not use this site to report events presenting an immediate threat to life or property. Reports submitted through this service may not receive an immediate response. If you require emergency assistance, please contact your local authorities.

TO MAKE A REPORT

You may use either of the following two methods to submit a report: dial toll-free, within the United States, Guam, Puerto Rico, and Canada: **+1 888 359 6323** Or select the **"Make a Report"** link at the top of this Web page.

After you complete your report, you will be assigned a unique code called a "report key." Write down your report key and password and keep them in a safe place. After **7-10** business days, use your report key and password to check your report for feedback or questions.

Please be aware that the IEEE Ethics Reporting Line will only accept complaints regarding IEEE's business and activities. IEEE will not review or accept complaints regarding any other organization, including the employers of members. IEEE members seeking ethical assistance regarding their employers should seek their own counsel or consult their employers.

NON-RETALIATION POLICY

It is the policy of IEEE not to take any retaliatory action against any director, officer, manager, employee or volunteer for raising a good faith compliance or ethics concern, for making a good faith report of a possible violation of the IEEE Code of Ethics, Code of Conduct or IEEE Policies, or assisting or cooperating in an investigation of a possible violation.

Any elected director or officer of IEEE and any staff manager or employee who engages in any such retaliatory action can be punished by penalties up to and including expulsion from IEEE membership for a volunteer and termination of employment for any IEEE staff member.

OTHER COMPLIANCE INQUIRIES may be directed to compliance@ieee.org.

Reports alleging violations of IEEE's Code of Conduct, Code of Ethics, or other policies and rules, can be reported in two ways:

- **Phone: +1 888-359-6323**
- **Web: www.ieee-ethics-reporting.org**

Under IEEE Bylaw I-110 and IEEE Policy 7.10, any individual may report an allegation of misconduct against a member, or a non-member engaged in an IEEE activity. Reports may be filed anonymously.

References

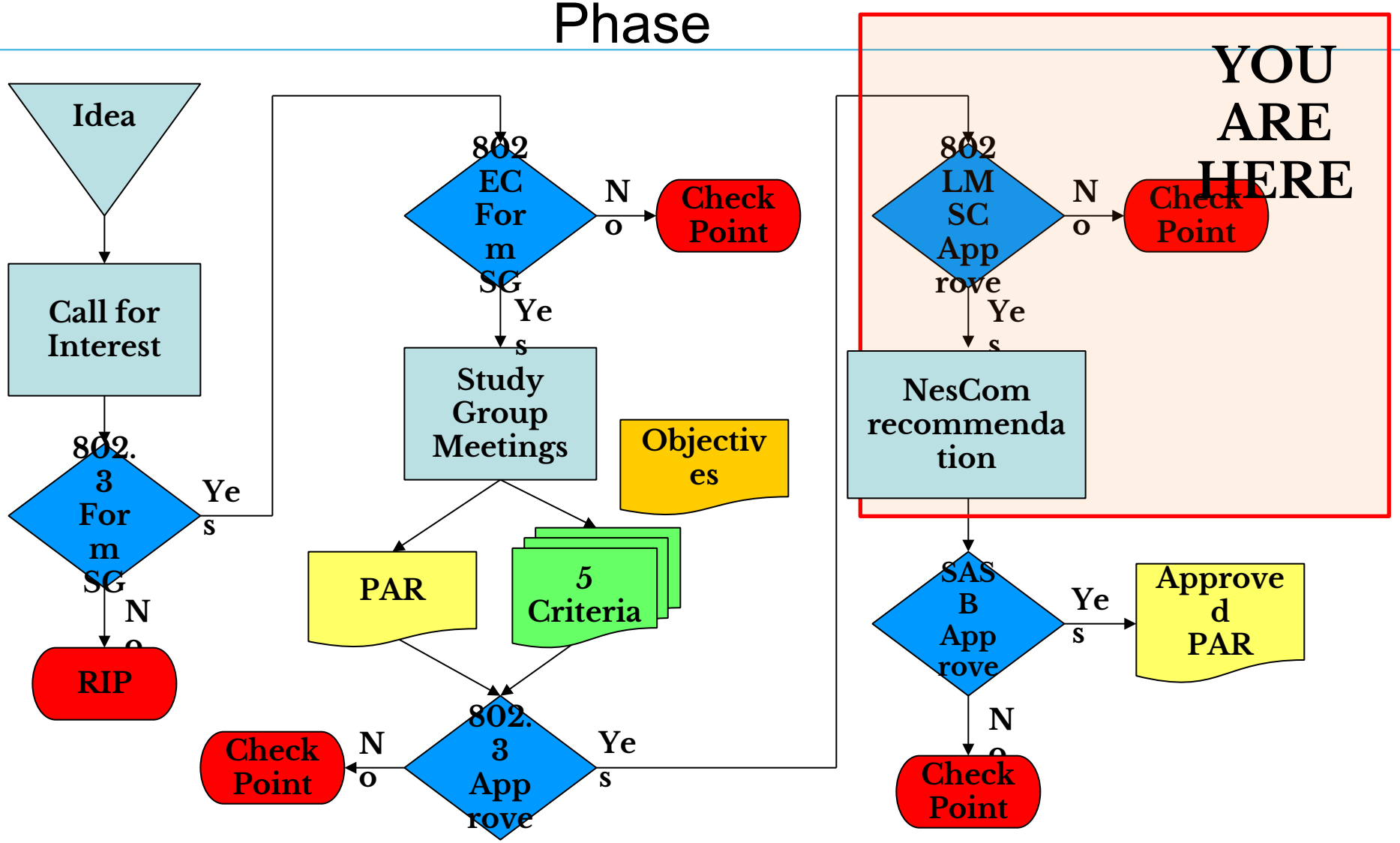
Code of Ethics:

https://www.ieee.org/about/corporate/governance/p7-8.html

Code of Conduct:

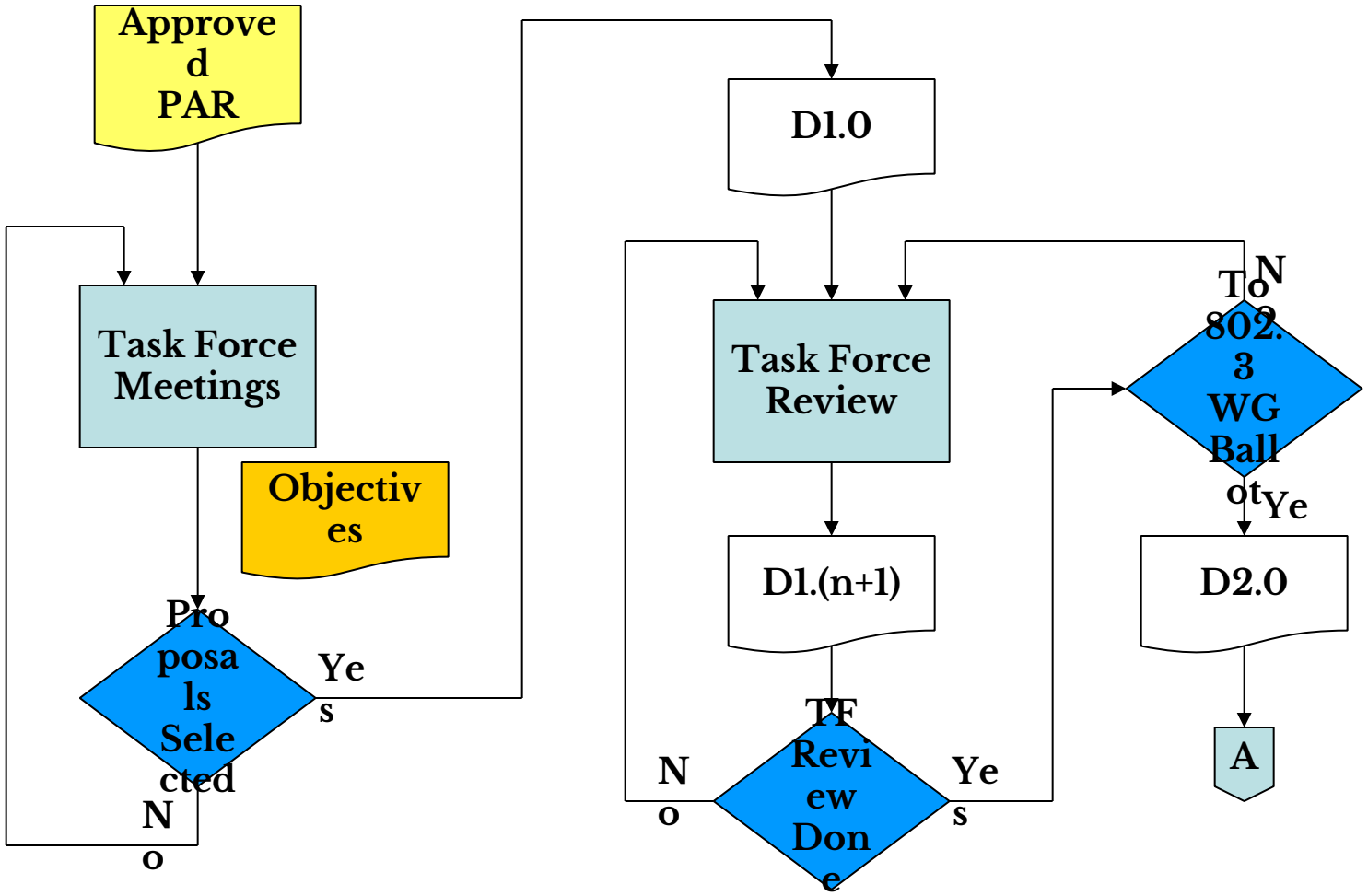
https://www.ieee.org/about/corporate/governance/code-of-conduct.html

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

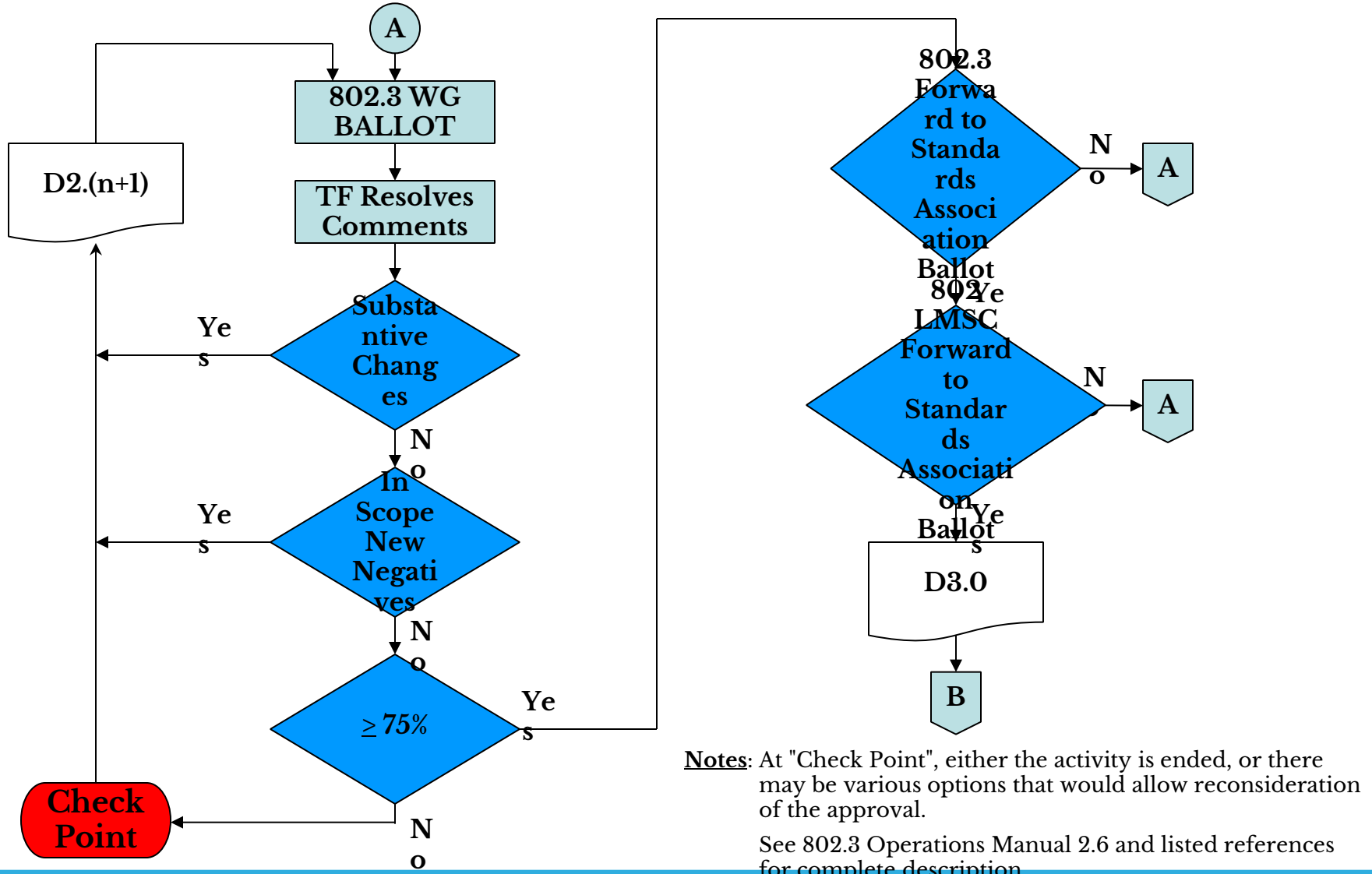


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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



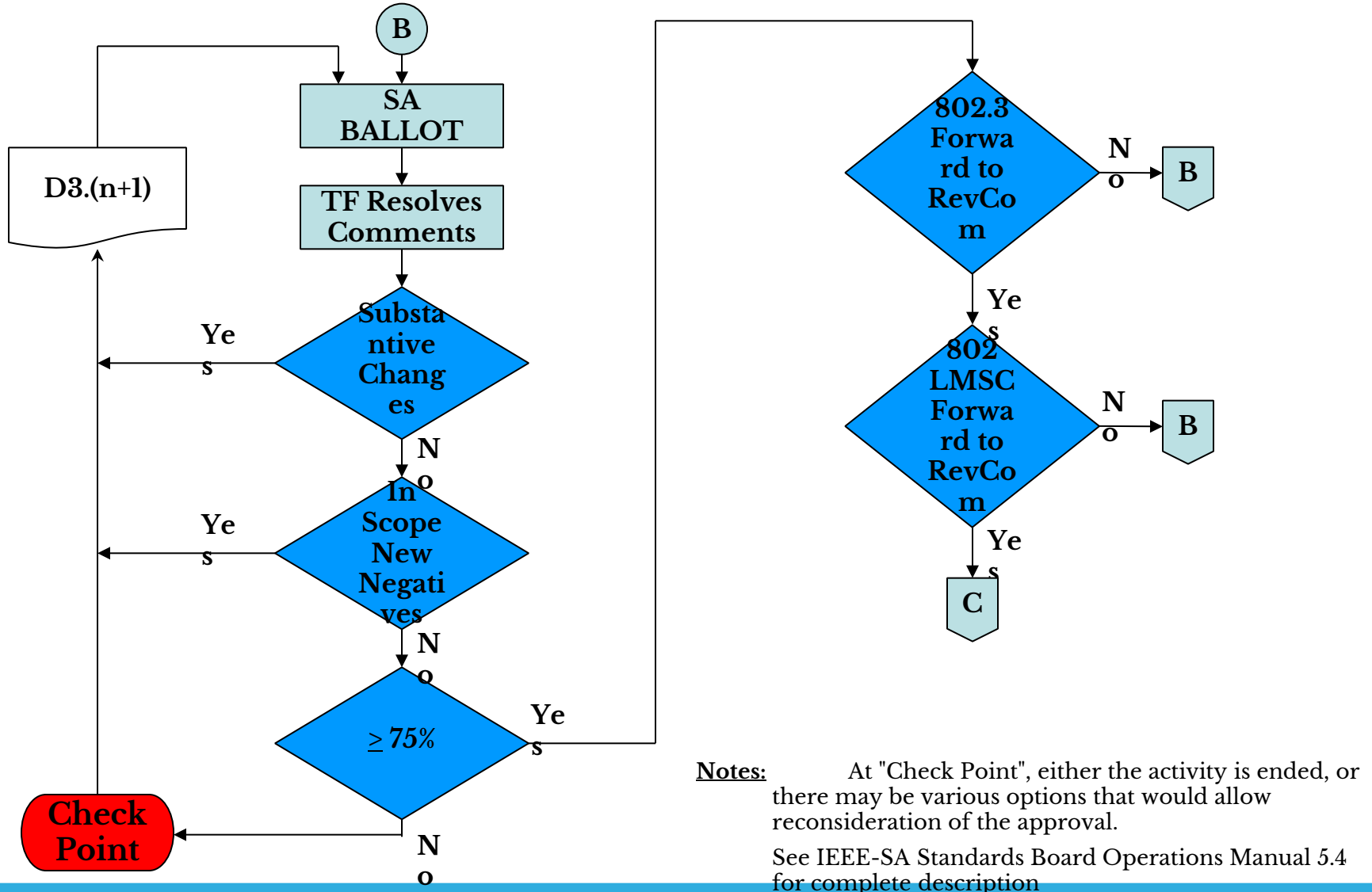
Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



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 Operations Manual 2.6 and listed references for complete description

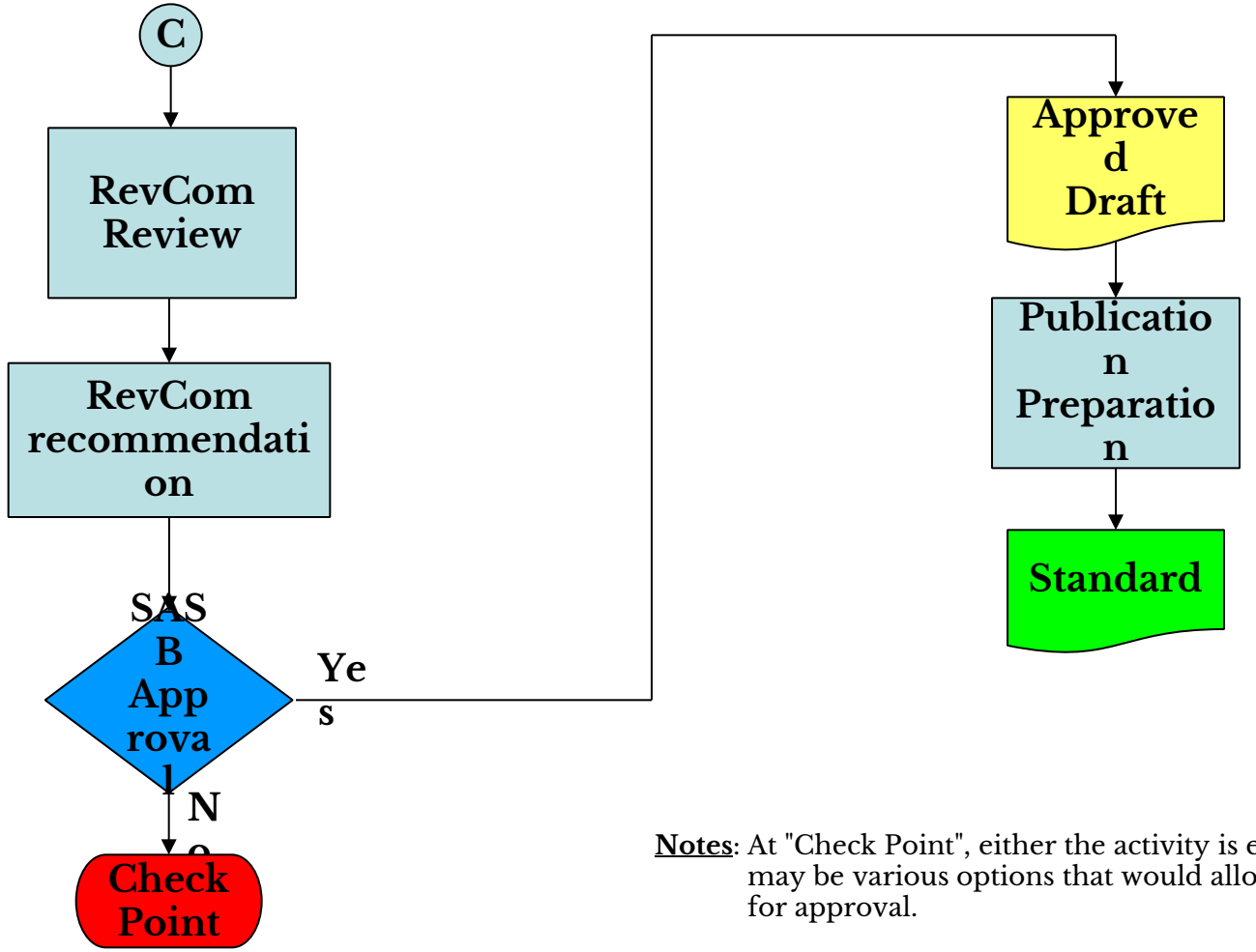
Overview of IEEE 802.3 Standards Process (4/5)- IEEE Standards Association (SA) Ballot Phase



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

See IEEE-SA Standards Board Operations Manual 5.4 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.

Task Force Private Area

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  - Username: <<*xxxxxx*>>
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