Agenda and General Information

IEEE 802.3 100 Gb/s per lane optical PHYs Study Group

Mark Nowell, Cisco

Vancouver, BC

Week of March 11th, 2019

Agenda

- Welcome and Introductions
- Approve Agenda
- Approve Minutes
- Reflector and Web
- Ground Rules
- IEEE
  - Structure, Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Liaisons and Communications
- Ad hocs
- Study group crash course
- Goals for this meeting
- Meeting Schedule
- Future Meetings
- Motions and Closing Business

100G Lambda Study Group organization

- Chair: Mark Nowell, Cisco
- Recording Secretary: Kenneth Jackson, Sumitomo
- Chief Editor: Gary Nicholl, Cisco
- Ad hoc chair: TBD

Study Group 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. (December 2017 IEEE-SA Standards Board Ops Manual 5.3.3.2)
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (December 2017 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

Reflector and Web

- To subscribe to the Study Group's reflector, send an email to:

  ListServ@ieee.org

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

  subscribe stds-802-3-100G-OPTX *<yourfirstname> <yourlastname>*

  end

- Send Study Group reflector messages to:

  stds-802-3-100G-OPTX@listserv.ieee.org

- Study Group's web page URL:

  http://www.ieee802.org/3/100G_OPTX/index.html

Ground Rules

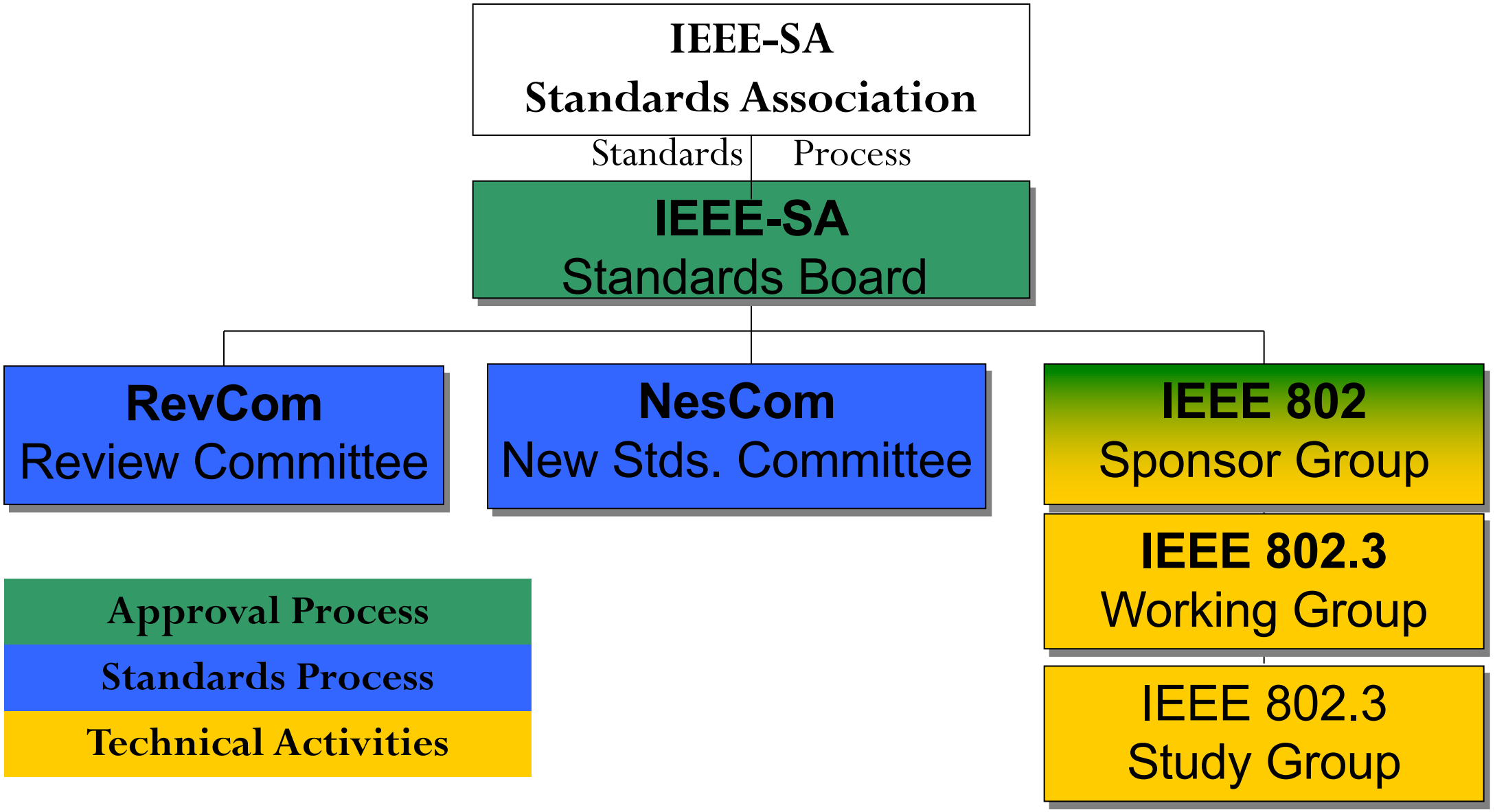
- Based upon IEEE 802.3 Rules
  - Foundation based upon Robert's Rules of Order
  - Anyone in the room may speak
  - Anyone in the room may vote
- RESPECT… give it, get it
- NO product pitches
- NO corporate pitches
- NO prices!!!
  - This includes costs, ASPs, etc. no matter what the currency
- NO restrictive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

Attendance

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

- Access details
  - URL: http://imat.ieee.org/
  - Use your imat login
    - (must be on meeting SSID – no VPN)

IEEE Structure



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

Participation in IEEE 802 Meetings

Participation in any IEEE 802 meeting (Sponsor, Sponsor subgroup, Working Group, Working Group subgroup, etc.) is on an individual basis

- Participants in the IEEE standards development individual process shall act based on their qualifications and experience. (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)
- IEEE 802 Working Group membership is by individual; "Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives". (subclause 4.2.1 "Establishment", of the IEEE 802 LMSC Working Group Policies and Procedures)
- Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant's obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.
- Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 "Chair", list item x.

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: http://www.ieee802.org/devdocs.shtml)

Guidelines for IEEE-SA Meetings

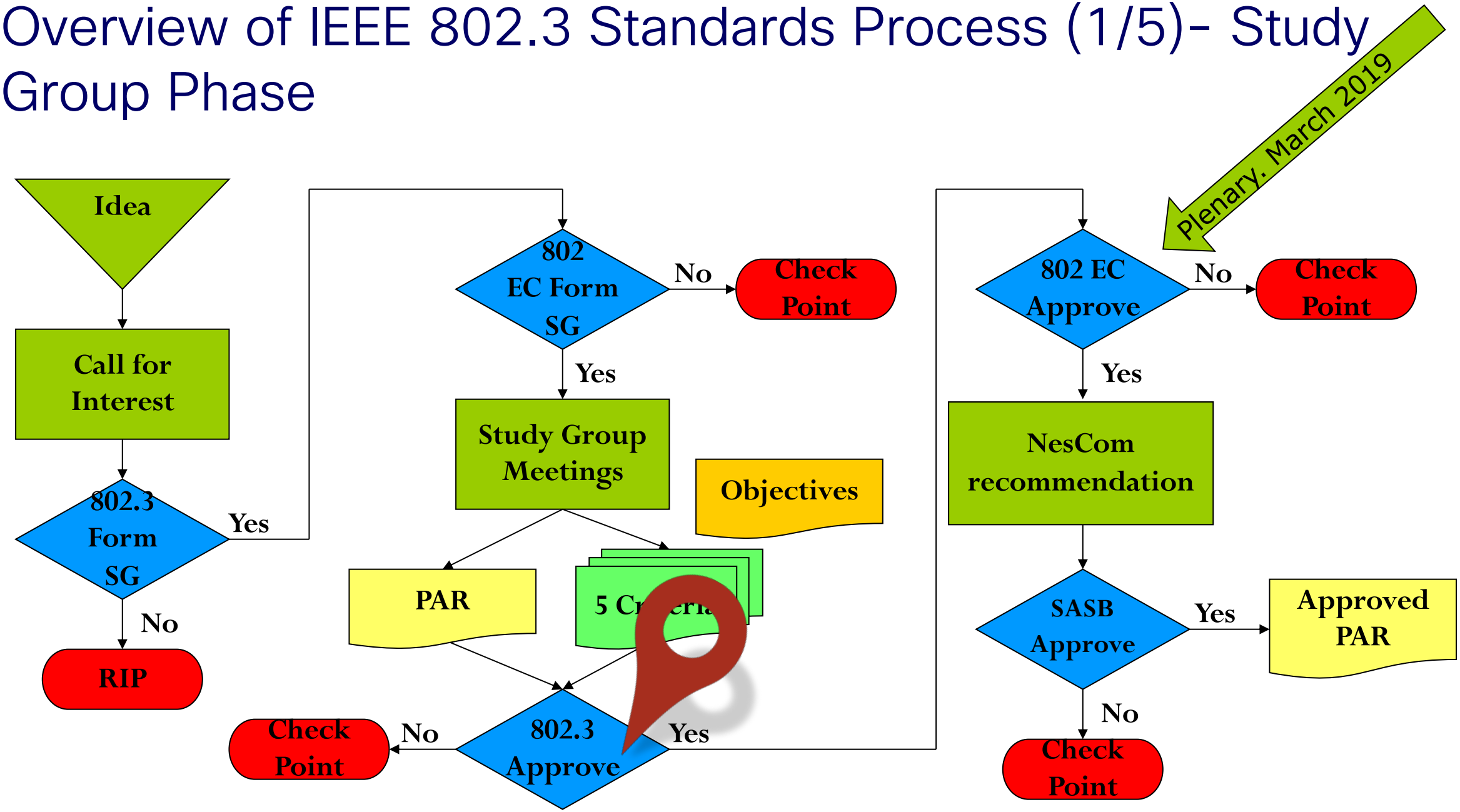
- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
  - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
  - **Don't discuss specific license rates, terms, or conditions.**
    - 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.**

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

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org

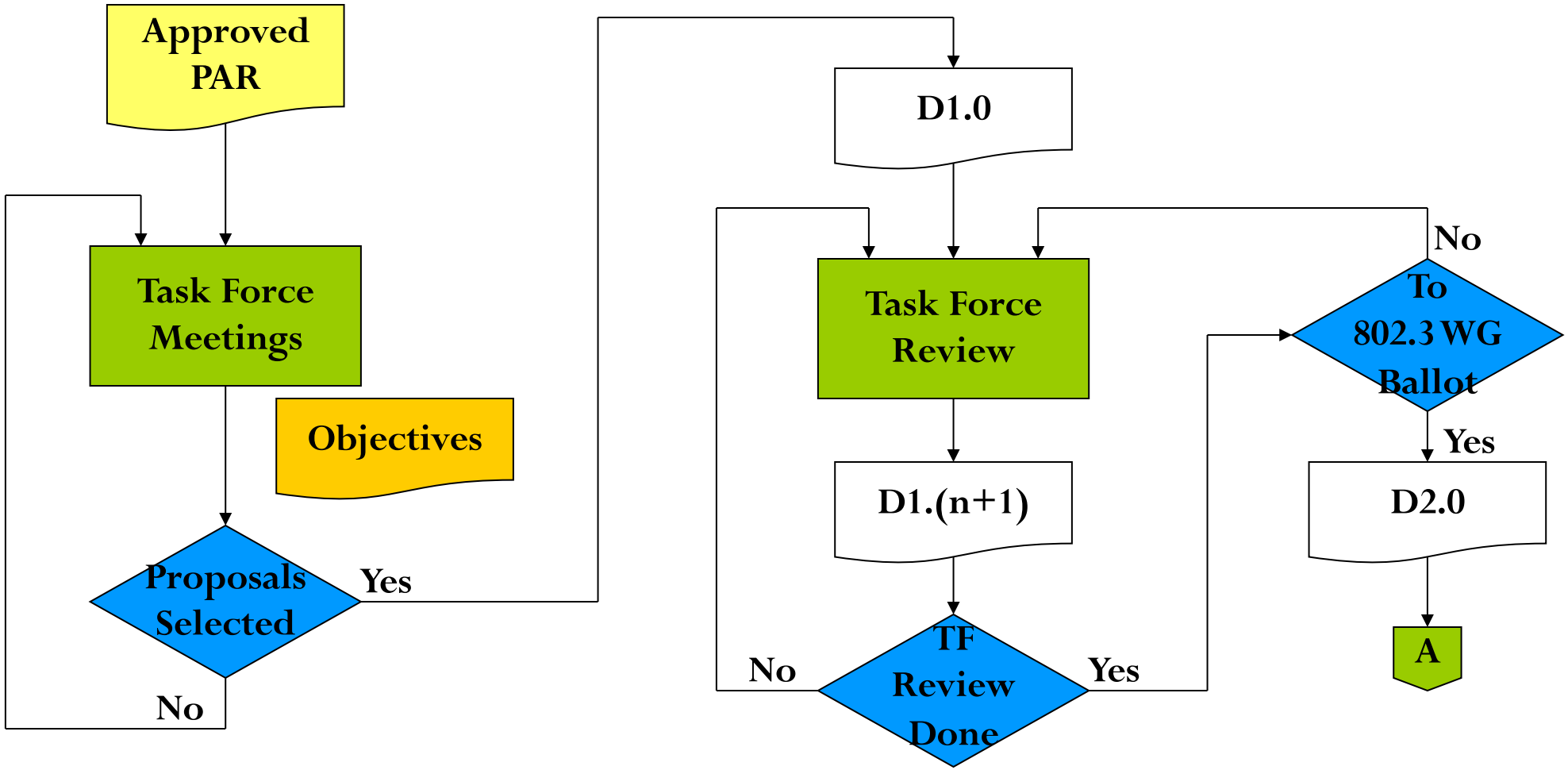
IEEE

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

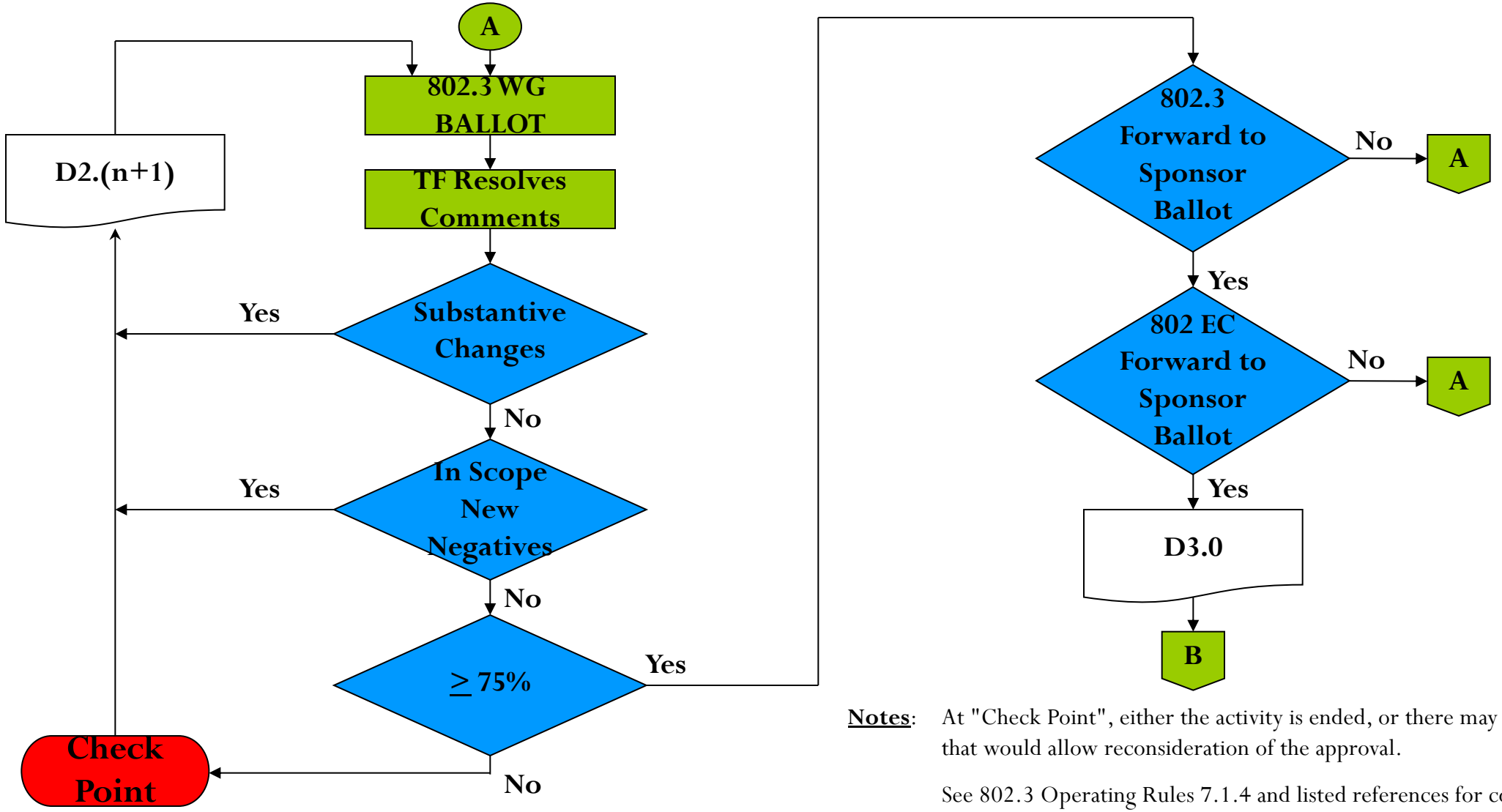


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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



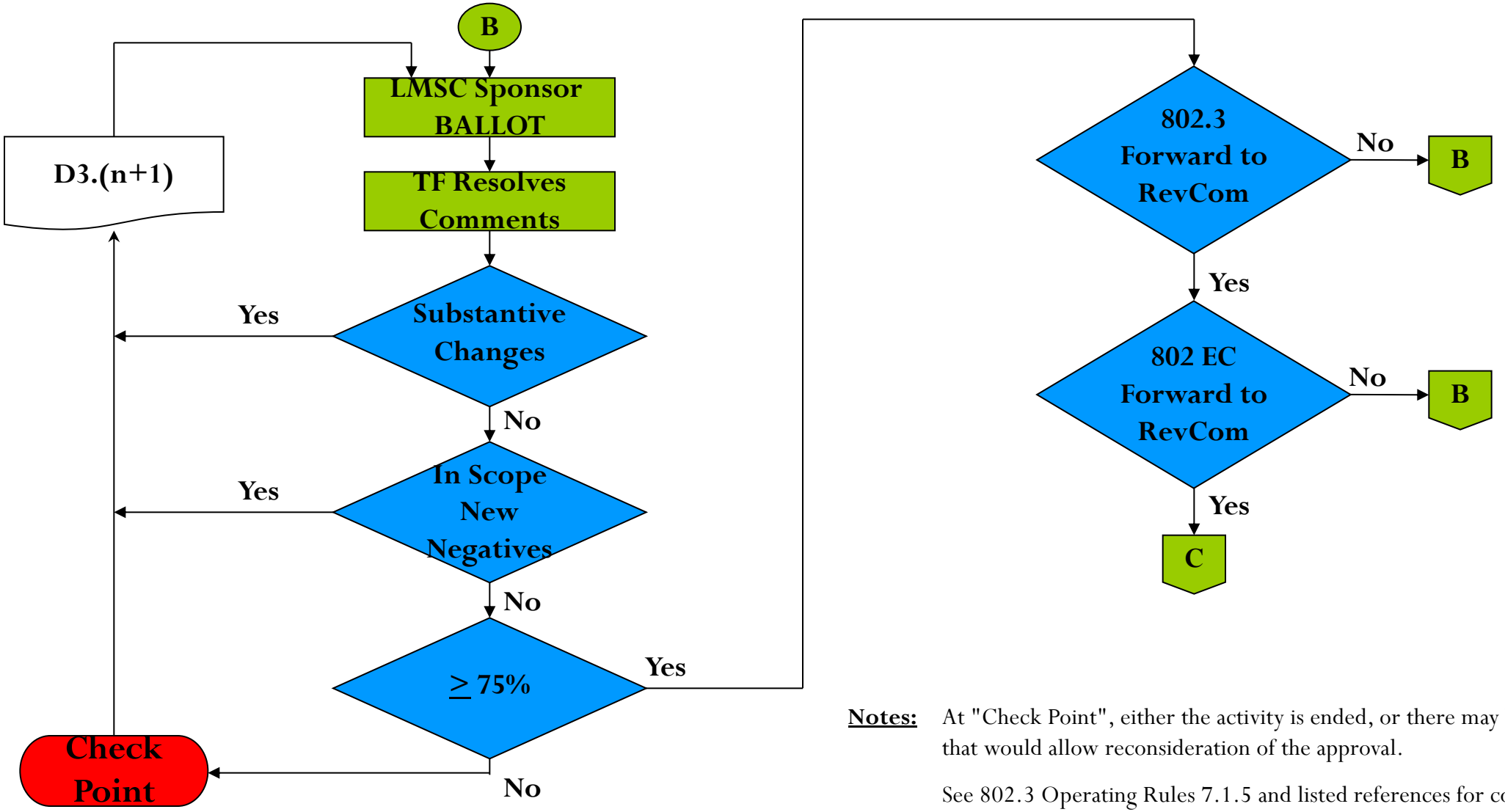
Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



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

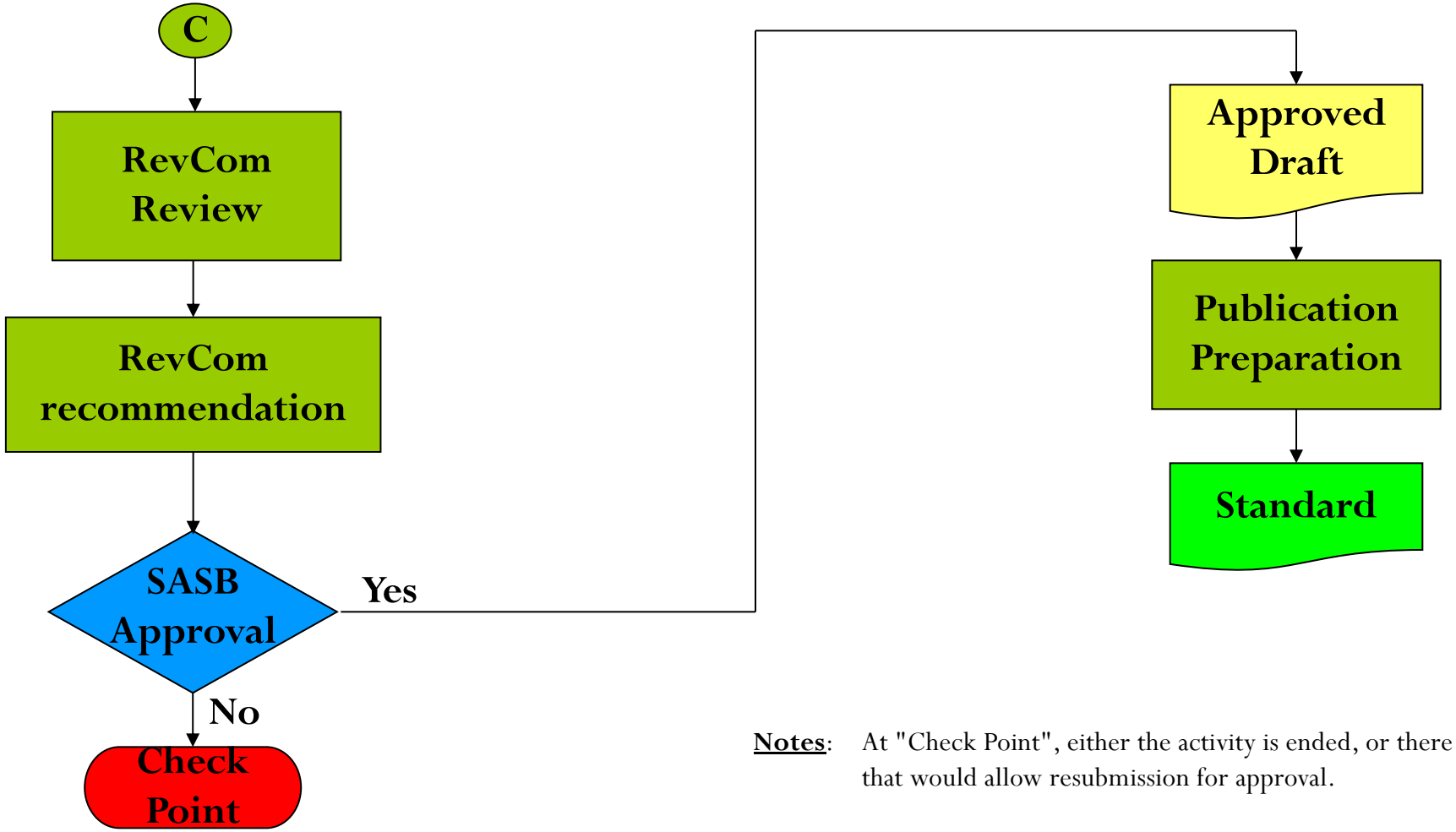
Overview of IEEE 802.3 Standards Process (4/5)- Sponsor Ballot Phase



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.

Liaisons and Communications

none

Ad hocs

Charter: To discuss the different areas of work that will fall under the work of the study group and to prepare content and contributions towards the study group's goals of developing the required documentation of objectives, PAR and CSD

Chair: Mark Nowell (provisional)

http://www.ieee802.org/3/100G_OPTX/public/adhoc/

Expected to continue the regular cadence.

- Timeslot TBD

Goals for the meeting

- Review Study Group's documentation
- Respond to any feedback from other Working Groups
- Review technical contributions towards our future baseline selection
- Lay the ground work for the next meeting

- Request Approval for documentation @ 802.3 WG Closing Plenary on Thursday

Meeting Logistics

- Meeting room: Waddington – FHV Conference Level
- Wednesday March 13th
- Start @ 8:30AM

Meeting Schedule – Wed

Note –Times listed are subject to change. Updated versions will be captured with new filename versions

Wednesday
13-Mar-19

Time	Presenter	Affiliation	Title	File Name	Dur.
8:30 AM	Mark Nowell	Cisco	Agenda and General Information	agenda_optx_01_0319.pdf	0:45
9:15 AM	Study Group documentation review and modifications				1:00
10:15 AM	Ken Jackson	Sumitomo Electric	PMD Naming Proposal	jackson_optx_01_0319.pdf	0:20
10:35 AM	**Break**				0:30
11:05 AM	Jeffrey Maki	Juniper	Confirming support for New 10 km PMDs	maki_optx_01_0319.pdf	0:30
11:35 AM	Yu Xu	Huawei	Further test result for 4*100G PAM4 10km transmission	yu_optx_01_0319.pdf	0:20
11:55 AM	Brian Welch	Cisco	Working towards as baseline proposal for 100GBase-FR	welch_optx_01_0319.pdf	0:20
12:15 PM	**Lunch**				1:00
1:15 PM	David Lewis	Lumentum	Proposed baselines for 400G-LR4	lewis_optx_01_0319.pdf	0:20
1:35 PM	Hai-Feng Liu	Intel	Towards 400GBASE-FR4 baseline proposal	liu_optx_01_0319.pdf	0:20
1:55 PM	Gary Nicholl	Cisco	Editorial update	nicholl_optx_01_0319.pdf	0:30
2:25 PM	Discussion and Straw Polls				0:30
2:55 PM	**Break**				0:20
3:15 PM	Discussion and Straw Polls - if needed				TBD
	Adjourn				TBD

Future Meetings & Ad hocs

- Ad-hoc meeting plans
  - On-going quasi-bi-weekly meetings, all topics (will cycle) – agendas will be published.
  - Timeslot TBD
- See: http://www.ieee802.org/meeting/index.html
- May 2019 Interim
  - Week of May 20th, 2019. Salt Lake City, UT, USA
- July 2019 Plenary
  - Week of July 15th, 2019. Vienna, Austria
- Sept 2019 Interim
  - Week of Sept 9th, 2019. Indianapolis, IN, USA
- Nov 2019 Plenary
  - Week of Nov 11th, 2019. Waikoloa Village, HI, USA

- Anyone interested in hosting an interim meeting contact me or the IEEE 802.3 Executive Secretary Steve Carlson.

Thank You!