AGENDA AND FRONT MATERIAL
IEEE P802.3CK - 100 GB/S, 200 GB/S, AND 400 GB/S ELECTRICAL INTERFACES TASK FORCE

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TELEPHONIC INTERIM SERIES TO ADDRESS COMMENTS TO DRAFT 1.2

JULY 15, 2020

MEETING

- Attendance

  - Attendee names and affiliations for the minutes and as a backup record for this Telephonic meeting will be taken from the WebEx participants list.

  - For 802.3 plenary record, please go to https://imat.ieee.org/attendance >> select 802 Plenary – July 2020 –Electronic" >> C/LM/WG802.3 Attendance

  - Note that to get credit for attending the July Plenary Virtual Plenary, you must record attendance at 6 of 8 dates. See slide 21 of http://www.ieee802.org/3/minutes/jul20/0720_802_3_opening_plenary.pdf for more information.

- Please mute your lines if you are not speaking

  - *6 does NOT work in WebEx Events – chat or email the chair if you're having a hard time getting off mute

AGENDA

- Approval of the Agenda
- IEEE Participation Requirements reminder (https://standards.ieee.org/ipr/index.html)
- IEEE Copyright reminder (http://www.ieee802.org/devdocs.shtml)
- IEEE Patent Policy reminder (http://www.ieee802.org/3/patent.html)
- Ground Rules and Operations Reminder
- Liaison Received
- Comment Resolution

Meeting agenda for 15 July 2020

Topic	Comments
Motion to close bucket #2 comments	
C2M TP4/TP4a parameters (direction only)	[*175, *177, *176, 11060, 107, 108, 109, 115, 116, 130, 135, 178, 228, 191, 192, 193, 194, 196, 197, 211, 212, 215, 238]
C2C test channel RL	[170^{b2}]
KR RX IT SNDR Np value	[155] brown_3ck_02_0720 slide 9
KR channel differential to CM conversion loss	[11039] wu_3ck_01_0720, brown_3ck_01_0720 slide 7
KR/C2C TX AC CM noise	[*28, 54, 205] [29] wu_3ck_01_0720, brown_3ck_01_0720 slides 3-6
KR TX RLCC	[57]
C2M TX RLCC	[208, 207], brown_3ck_01_0720 slide 8
KR RX IT channel	[38] [157]
KR/C2C test fixture TP0v/IL/RL	TP0v [36^{b2}], IL [$*153^{b2}$, 31^{b2}, 35, 34], RL [154]
KR/C2C/CR TX vfmin	[58^{b2}] [59^{b2}]
KR/C2C TX linear fit pulse, value	[12^{b2}, 30^{b2}]
C2M EW/ESMW	[173^{b2}]
C2C TX EQ FB	[11059]
*# = pivot comment, $\#^{b2}$ = comment to be address if pulled from bucket #2	

* Please note that we may not get through the entire list of the comments sent out for focus at this meeting. If time runs out, leadership will work to adjust comment agendas for future meetings.

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 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.

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IEEE SA STANDARDS ASSOCIATION

◆IEEE 3

PARTICIPANTS HAVE A DUTY TO INFORM THE IEEE

- **Participants <u>shall</u> 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 <u>should </u> 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

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◈ IEEE

PARTICIPANTS HAVE A DUTY TO INFORM THE IEEE OF POTENTIALLY ESSENTIAL PATENTS...

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

Slide #2

02 January 2018

◆IEEE

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GROUND RULES & OPERATIONS

- Recording is prohibited – Is anyone here press?

- **RESPECT one another**… give it, get it

- 10 min presentations (including Q&A)

- Raise your hand or send a chat to be added to the queue

- Trust in Editorial License

- Deadline to remove comments from bucket: **Thurs 7/16 AOE**

Cisco Webex Events

File   Edit   View   Communicate   Participant   Event   Help   Connected

Viewing Matt Brown (Guest)...

Speaking: Jeff Slavick (Guest)

RM

Brief Tutorial
This interface looks slightly different based upon your operating system, but general function should be the same!

RICHARD MELLITZ (Guest)

∨ Participants (9)

Q Search

∨ Panelist: 6

BK   Beth Kochuparambil (Cisco)
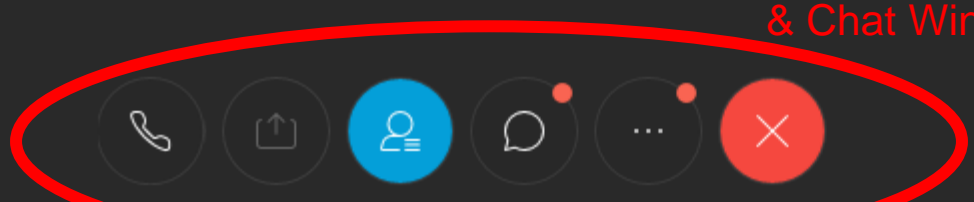   Host

MB   Matt Brown (Gue...

JS   Jeff Slavick (Guest)

KL   Kent Luste...

PS   Phil Sun (Guest)

Participant List
& Chat Window

RM   RICHARD MELLITZ (Guest)

View Attendee List

Raise Hand

10

∨ Attendee: 3 (1 displayed)

Polling Tab

⟩ Polling

THANK YOU!

D1.2 TELEPHONIC INTERIM SERIES & MARCH PLENARY

- Tuesday, 6/30 – Misc. Topics

- Monday, 7/6 – C2C/KR

- Wednesday, 7/8* – C2M

- Wednesday, 7/15* – ERL/C2M

- Tuesday, 7/21 – CR

- Wednesday, 7/22* – TBD

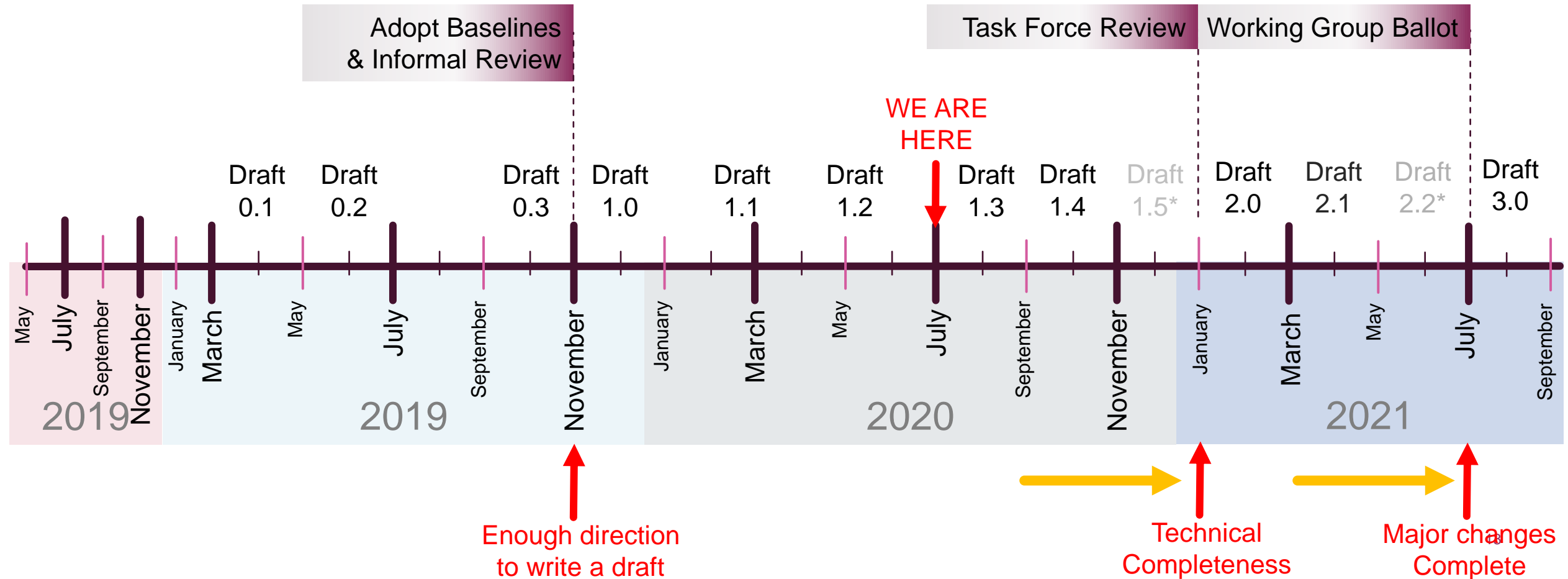- Tuesday, 7/28 – TBD

- Wednesday, 7/29* – TBD

7-10am PDT
*Bridge will open 30min early for "public discussions" on Wed. Telephonic Interims

Consensus Building Presentations and Updates on these topics due the Friday before the topic is to be covered... Noon PDT

- July Plenary
  - Attend 6 out of 8 days between 7/13-7/23 (Mondays-Thursdays)
  - See: http://www.ieee802.org/3/calendar.html
  - Name will change of calls during plenary week – nothing else

TASK FORCE STATUS – LIKELY PUSHING WG BALLOT TO 2021

Adopt Baselines & Informal Review

Task Force Review

Working Group Ballot

WE ARE HERE

Draft 0.1 — Draft 0.2 — Draft 0.3 — Draft 1.0 — Draft 1.1 — Draft 1.2 — Draft 1.3 — Draft 1.4 — Draft 1.5* — Draft 2.0 — Draft 2.1 — Draft 2.2* — Draft 3.0

May, July, September, November — 2019
January, March, May, July, September, November, January, March, May, July, September, November — 2019
January, March, May, July, September, November — 2020
January, March, May, July, September — 2021

Enough direction to write a draft

Technical Completeness

Major changes Complete

COMMON COMMENT RESOLUTION PROCESS (.3CK,.3CU,.3CT)

- ## Comment Status Terminology
  - "Open" comments – comments that Task Force have not agreed upon a remedy
  - "Closed" comments – comments that Task Force have agreed upon a remedy
  - "Final" comments – Task Force has approved motion to adopt the responses to the closed comments

- ## Allow individuals (other than commenter) two business days (AoE, ~67hrs) to request, *via the reflector*, a "Closed" comment, *from the prior meeting only,* be considered for re-opening
  - Post updated comment database after each meeting
  - Individual needs to be present at next meeting to address
  - Normal procedures within the group will apply to determine if comment will be re-opened

- ## After comment resolution is over – normal procedures to adopt responses and generate next draft will be followed

IEEE STRUCTURE

IEEE-SA
Standards Association

Standards | Process

IEEE-SA
Standards Board

RevCom
Review Committee

NesCom
New Stds. Committee

IEEE 802
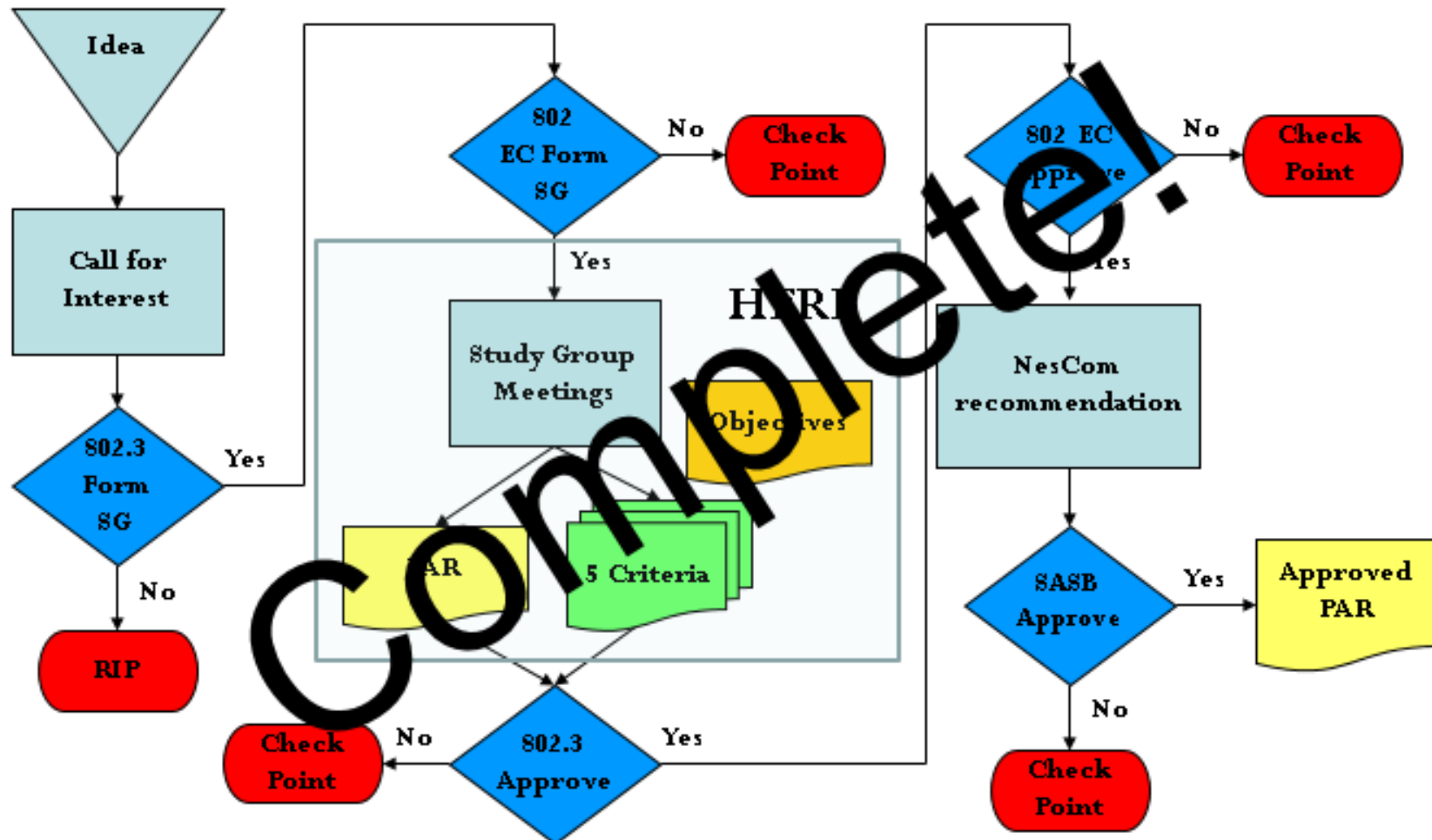Sponsor Group

IEEE 802.3
Working Group

IEEE 802.3
Task Force

Approval Process
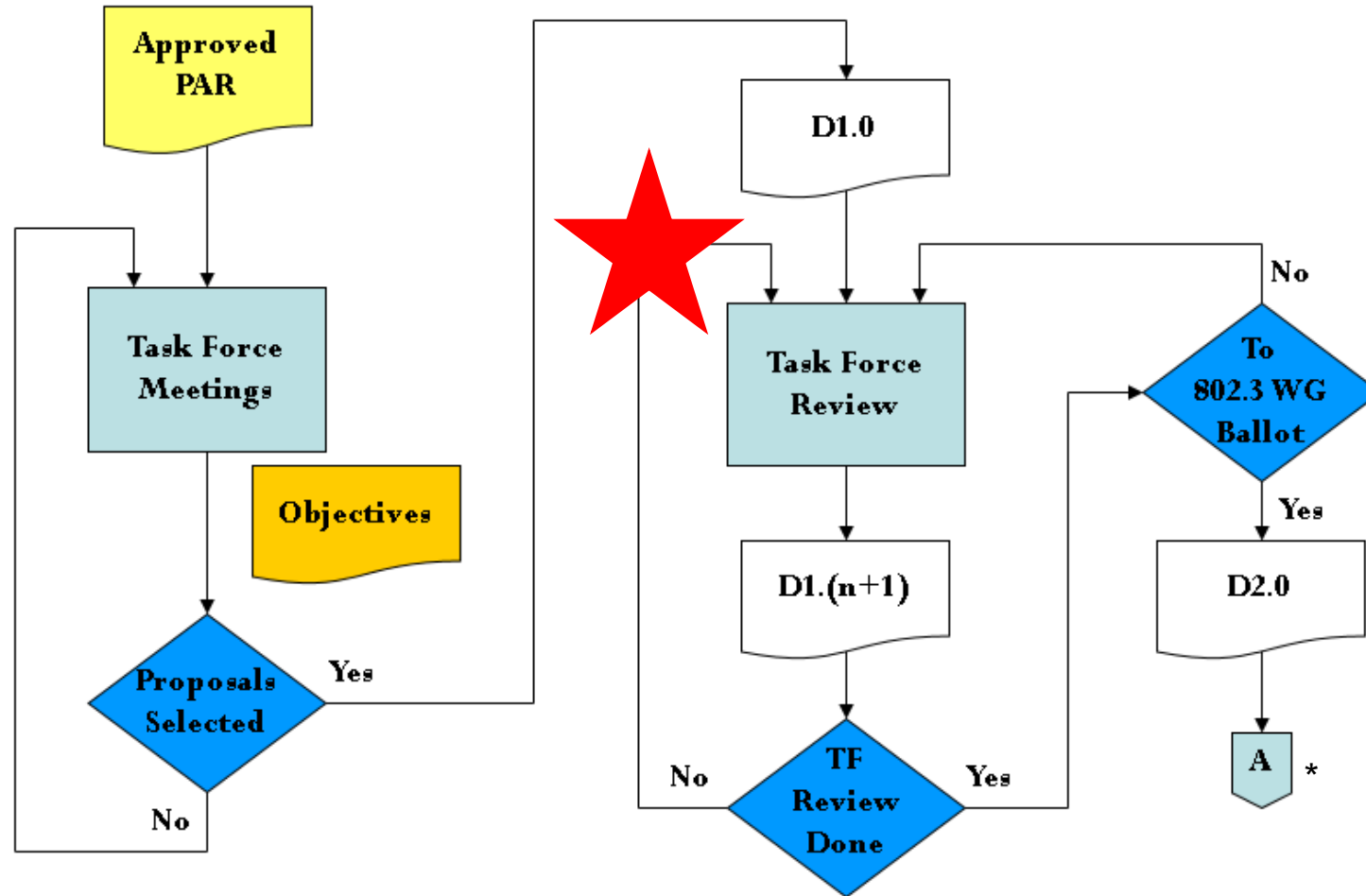
Standards Process

Technical Activities

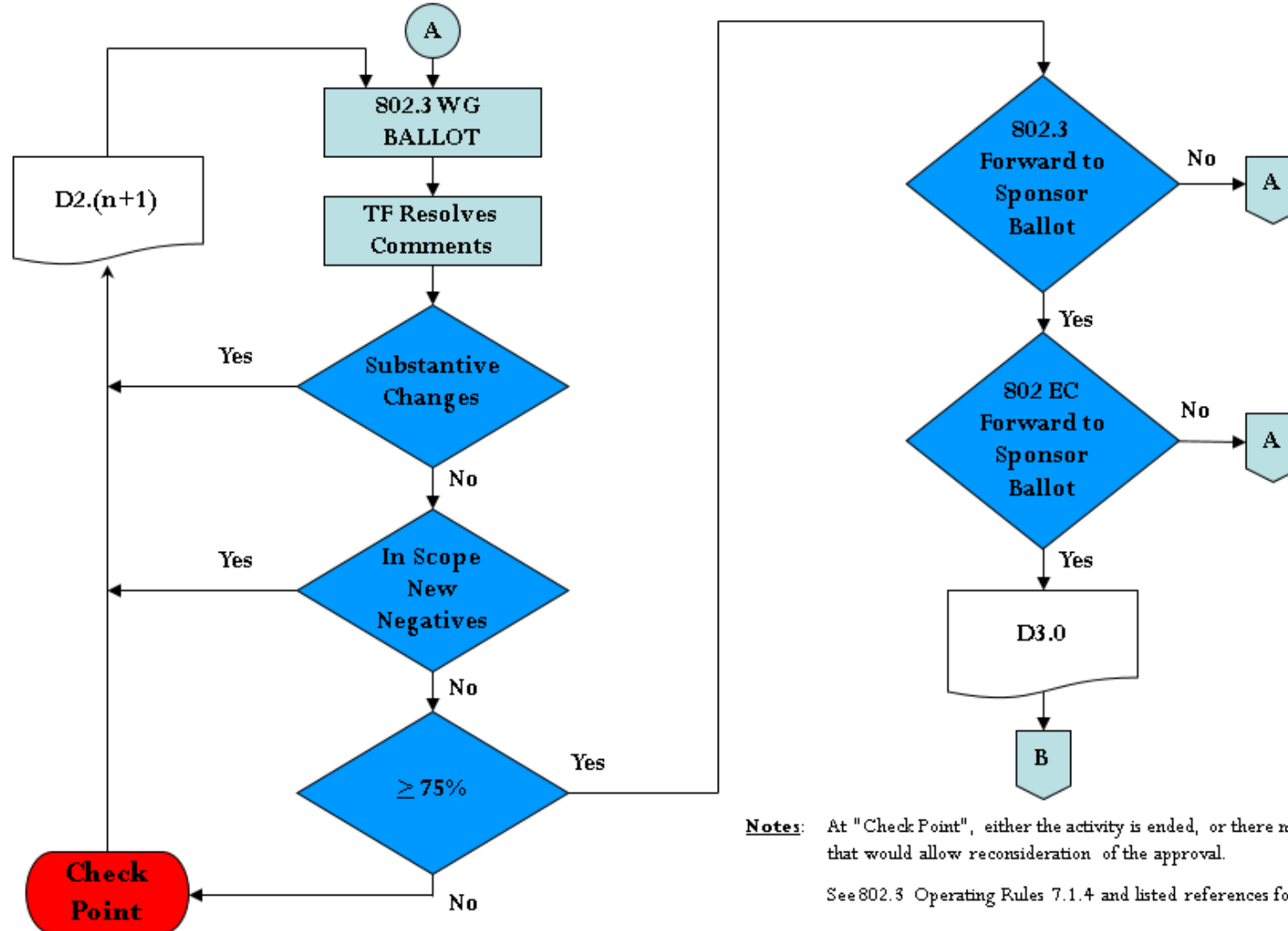# Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase

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

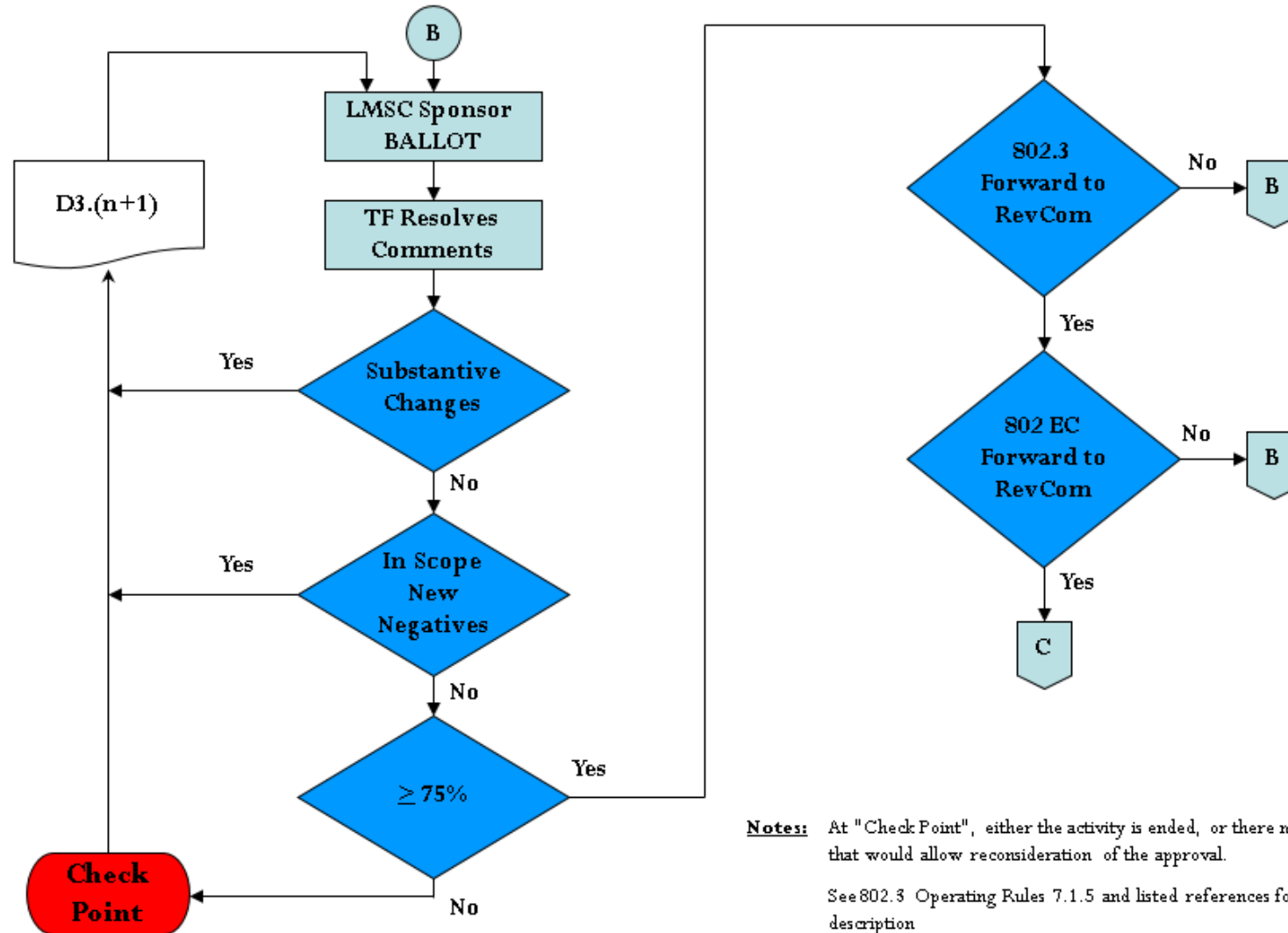# Overview of IEEE 802.3 Standards Process (2/5) – Task Force Comment Phase

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.

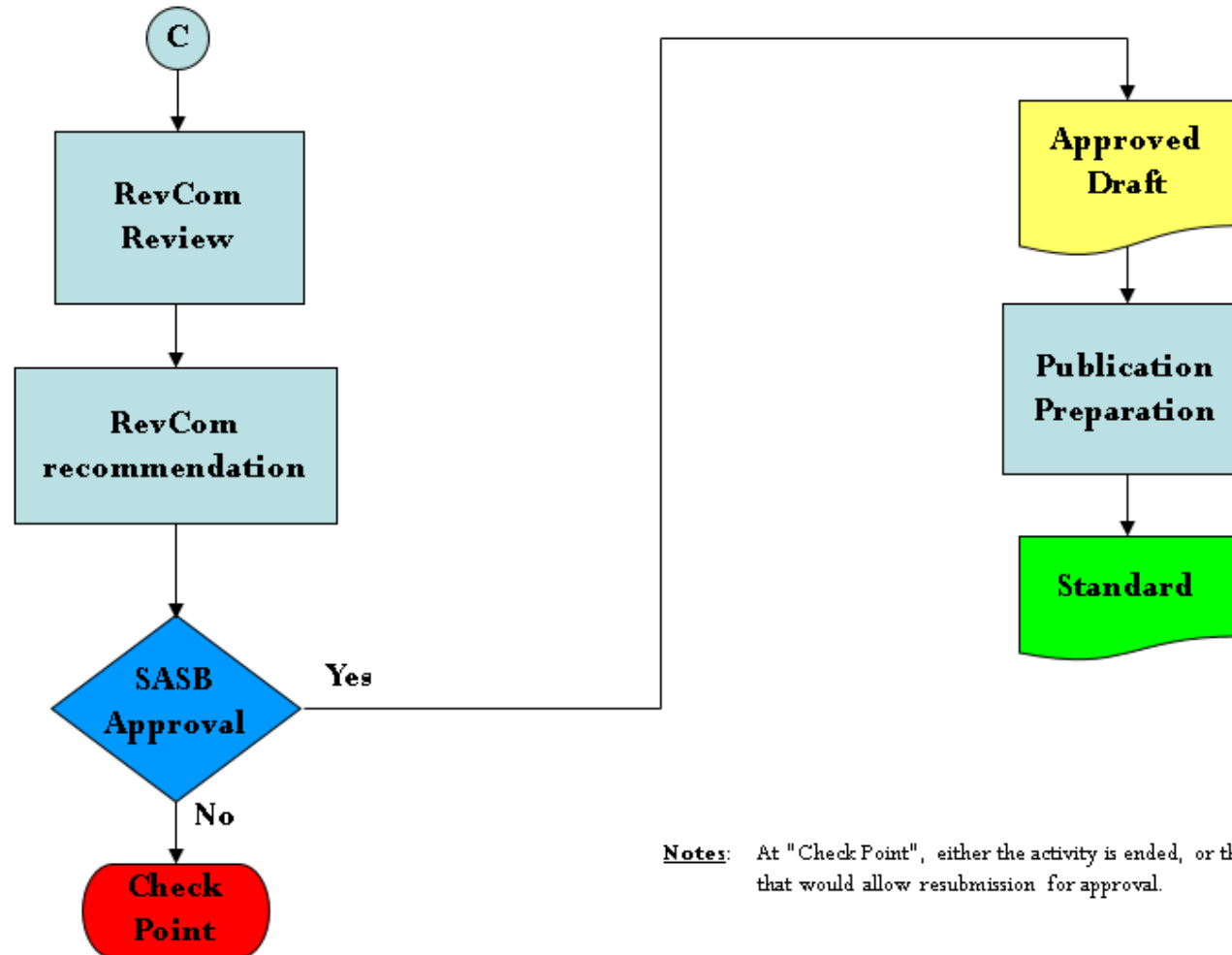See 802.3 Operating Rules 7.1.4 and listed references for complete description

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.

IEEE P802.3CK – 100 GB/S, 200 GB/S, 400 GB/S ELECTRICAL INTERFACES TASK FORCE - APPROVED PROJECT DOCUMENTS

- PAR: http://www.ieee802.org/3/ck/P802_3ck_PAR_140518.pdf

- CSD: http://www.ieee802.org/3/ck/P802_3ck_CSD_06apr18.pdf

- Objectives: http://www.ieee802.org/3/ck/P802_3ck_Objectives_2018mar.pdf

REFLECTOR AND WEB

- To subscribe to the 100GEL reflector, send an email to:
  ListServ@ieee.org

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

  > *subscribe* **STDS-802-3-100GEL** *<yourfirstname> <yourlastname>*
  >
  > *end*

- Send 100GEL reflector messages to:

  STDS-802-3-100GEL@LISTSERV.IEEE.ORG

- Task Force web page URL:

  http://www.ieee802.org/3/ck/index.html

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