Agenda and General Information

IEEE 802.3cc

Serial 25 Gb/s Ethernet Operation Over Single-Mode Fiber Task Force

David Lewis, Lumentum

Berlin, Germany July 10th, 2017

P802.3cc Task Force Meeting – July 10th, 2017 Agenda

- Welcome and Introductions
- Approve Agenda
- Participation in IEEE 802 Meetings
- Attendance
- Approve May 2017 Interim Minutes
- 1st Recirculation Sponsor Ballot (D3.1) Summary
- Task Force Meeting Plan
- P802.3cc Task Force Project Information
- Patent Policy
- Ground Rules
- IEEE
  - Structure
  - Bylaws and Rules
  - IEEE Standards Process
- P802.3cc Ad Hocs
- Chief Editor's Report
- Ad Hoc Chair's Report
- Task Force Comment Resolution
- Motions and Closing Business
- Future Meetings

Task Force Decorum

- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (December 2013 IEEE-SA Standards Board Ops Manual 5.3.3.5)
- Photography or recording by permission only (December 2013 IEEE-SA Standards Board Ops Manual 5.3.3.4)
- 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

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)

Attendance

- By sign-up sheet for those in the room
- Make sure to enter attendance on IMAT

Approve Minutes

- May 2017 Minutes
  - http://www.ieee802.org/3/cc/public/17_05/minutes_3cc_0517_unapproved.pdf

1ˢᵗ Recirculation Sponsor Ballot (D3.1) Summary

- 116 Voters
- 86 Approve
- 2 Disapprove
- 5 Abstain
- 93 Ballots returned

- 80.17% Response Rate (>= 75% required)
- 5.38% Abstain Rate (< 30% required)
- 97.73% Approval Rate (>= 75% required)

- Thank you to all that participated in this ballot.

Task Force Meeting Plan

- Goals for the meeting
  - Consider Sponsor Ballot comments received against D3.1
  - Approve generation of D3.2 for Sponsor Ballot Recirculation
  - Request Conditional Approval to submit to RevCom
- Big ticket items to address
  - MPI penalty

IEEE P802.3cc Task Force Project Information

- Task Force Organization
  - Chair: David Lewis, Lumentum
  - Recording Secretary: Kenneth Jackson, Sumitomo
  - Chief Editor: Kohichi Tamura, Oclaro
  - Ad hoc Chair: Peter Jones, Cisco

- Task Force Web and Reflector
  - Reflector: http://www.ieee802.org/3/25GSMF/reflector.html
  - Home page: http://www.ieee802.org/3/cc/index.html
    - PAR: http://www.ieee802.org/3/cc/P802.3cc.pdf
    - CSD: http://www.ieee802.org/3/cc/ec-16-0059-00-ACSD-802-3cc.pdf
    - Objectives: http://www.ieee802.org/3/cc/P802_3cc_Objectives.pdf
    - Timeline: http://www.ieee802.org/3/cc/P802d3cc_Timeline_0916.pdf
  - Ad Hoc page: http://www.ieee802.org/3/cc/public/adhoc/index.shtml

Private Area – password protected for copies of drafts

- URL: http://www.ieee802.org/3/cc/private/index.html
  - Username: 802.3cc
  - 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.

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.

- **Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:**
  - **"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**
  - **"Should inform the IEEE (or cause the IEEE to be informed)" of the identity of "any other holders of potential Essential Patent Claims" (that is, third parties that are not affiliated with the participant, with the participant's employer, or with anyone else that the participant is from or otherwise represents)**
- **The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group**
- **Early identification of holders of potential Essential Patent Claims is strongly encouraged**
- **No duty to perform a patent search**

<u>**Slide #1**</u>

Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards 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 or visit http://standards.ieee.org/about/sasb/patcom/index.html

This slide set is available at https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt

Slide #2

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:
  - Either speak up now 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
  - Cause an LOA to be submitted

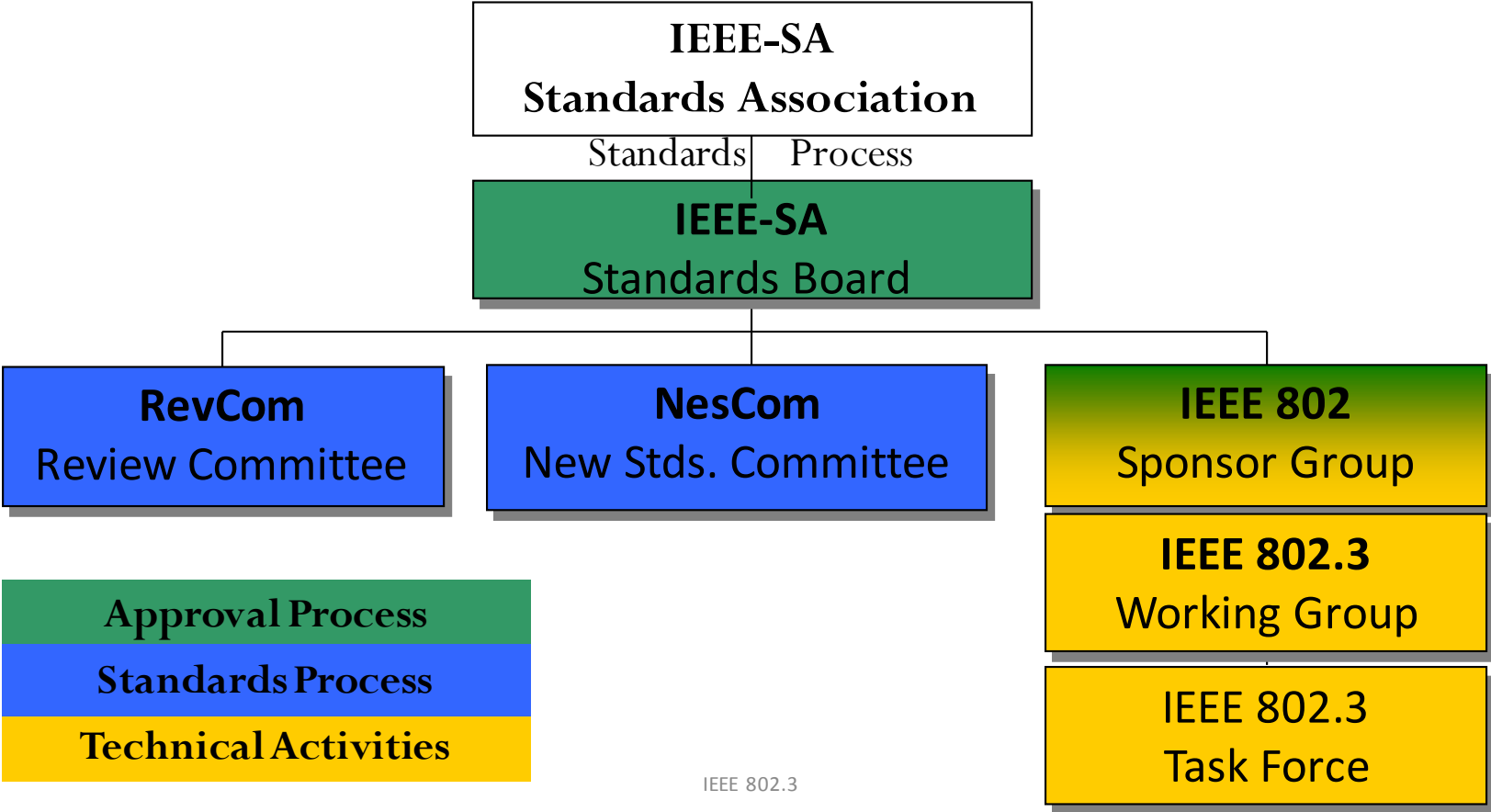**Slide #3**

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, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.

      - Technical considerations remain 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.**

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

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

IEEE Structure


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                    ┌─────────────────────────┐
                    │        IEEE-SA          │
                    │  Standards Association   │
                    └────────────┬────────────┘
                      Standards │ Process
                    ┌────────────┴────────────┐
                    │        IEEE-SA          │
                    │    Standards Board      │
                    └─────────────────────────┘
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RevCom	**NesCom**	**IEEE 802**
Review Committee	New Stds. Committee	Sponsor Group

IEEE 802.3
Working Group

IEEE 802.3
Task Force

Approval Process

Standards Process

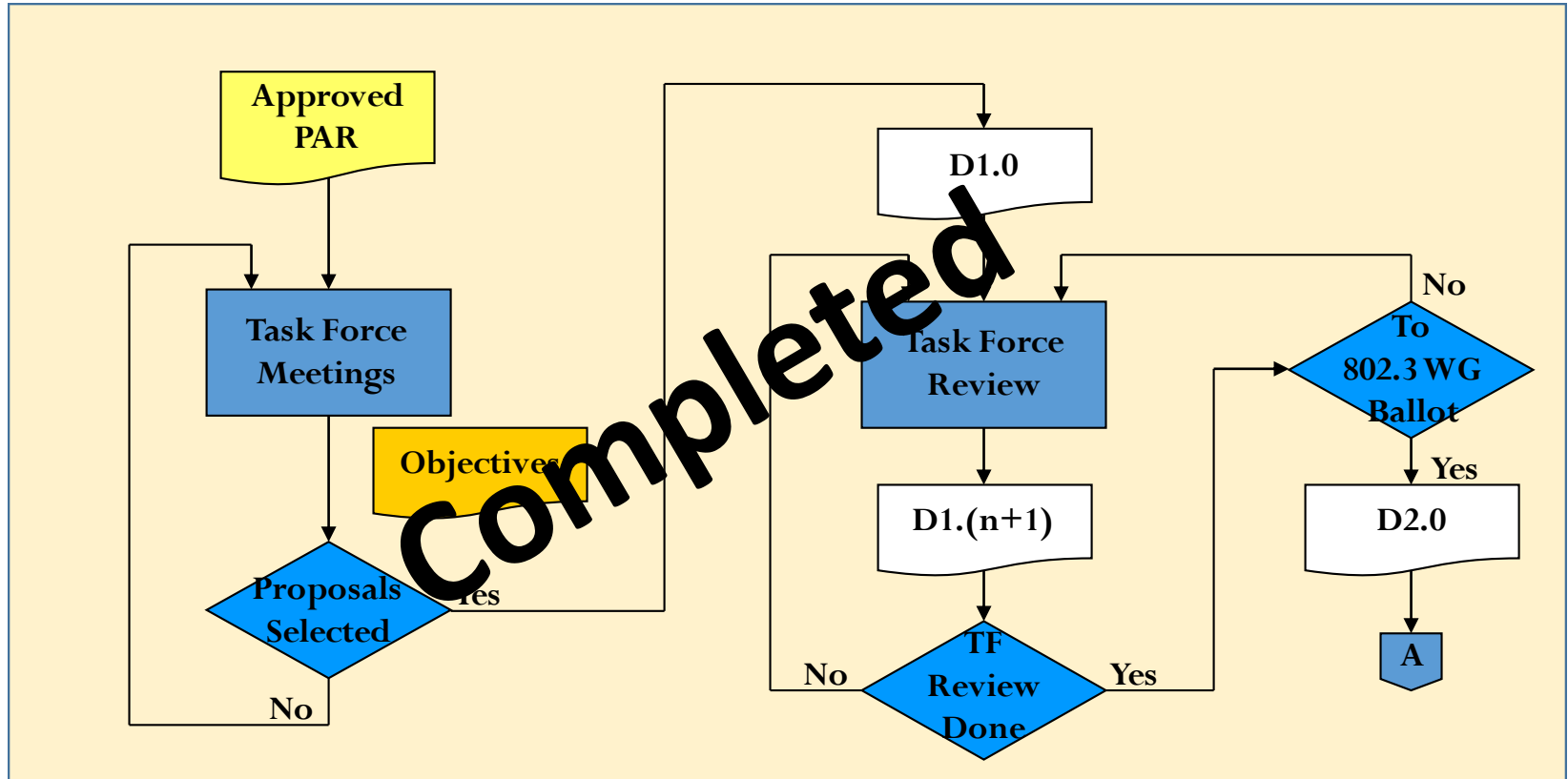**Technical Activities**

IEEE 802.3

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**
  http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf

- **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**
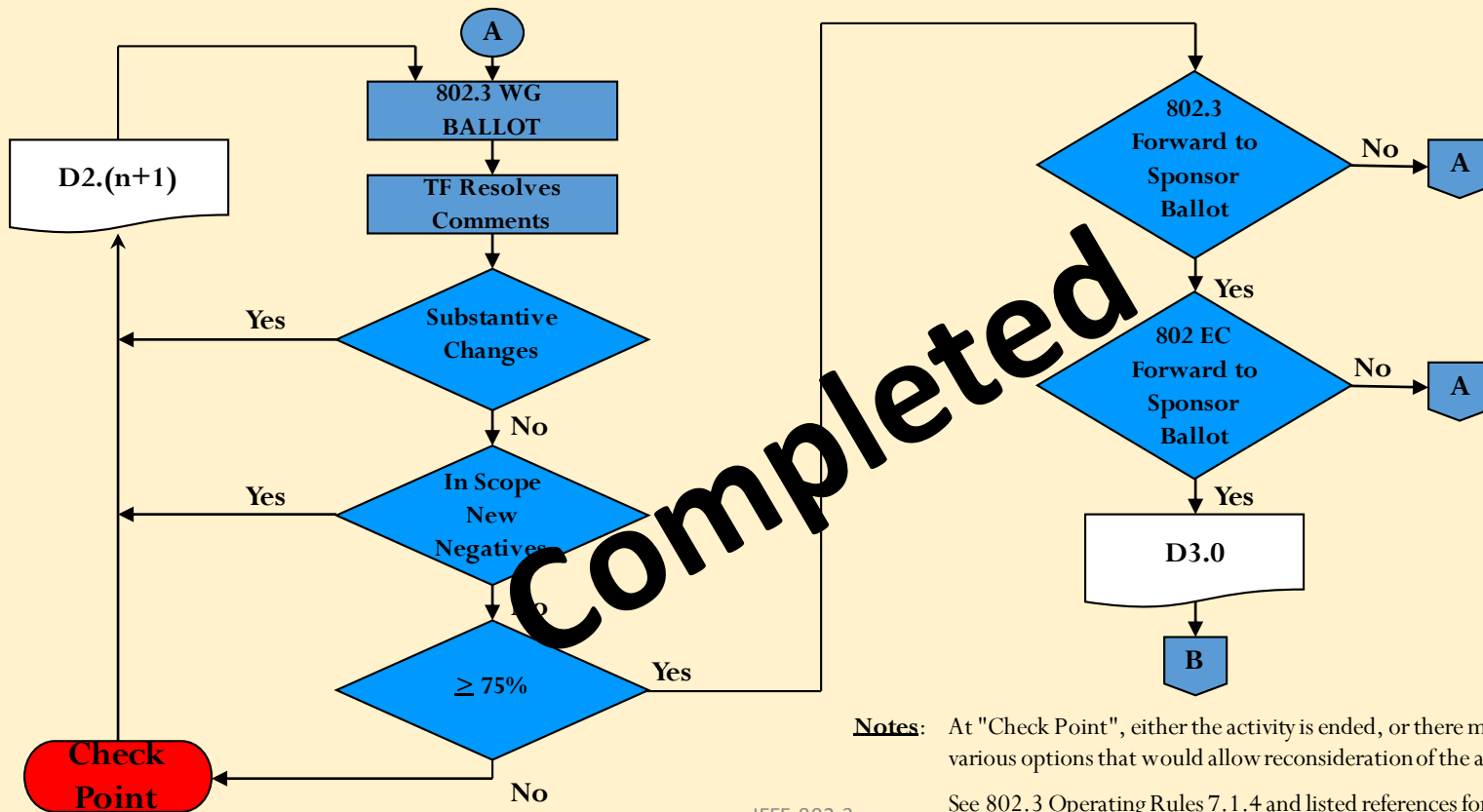 **http://ieee802.org/3/rules/P802_3_rules.pdf**
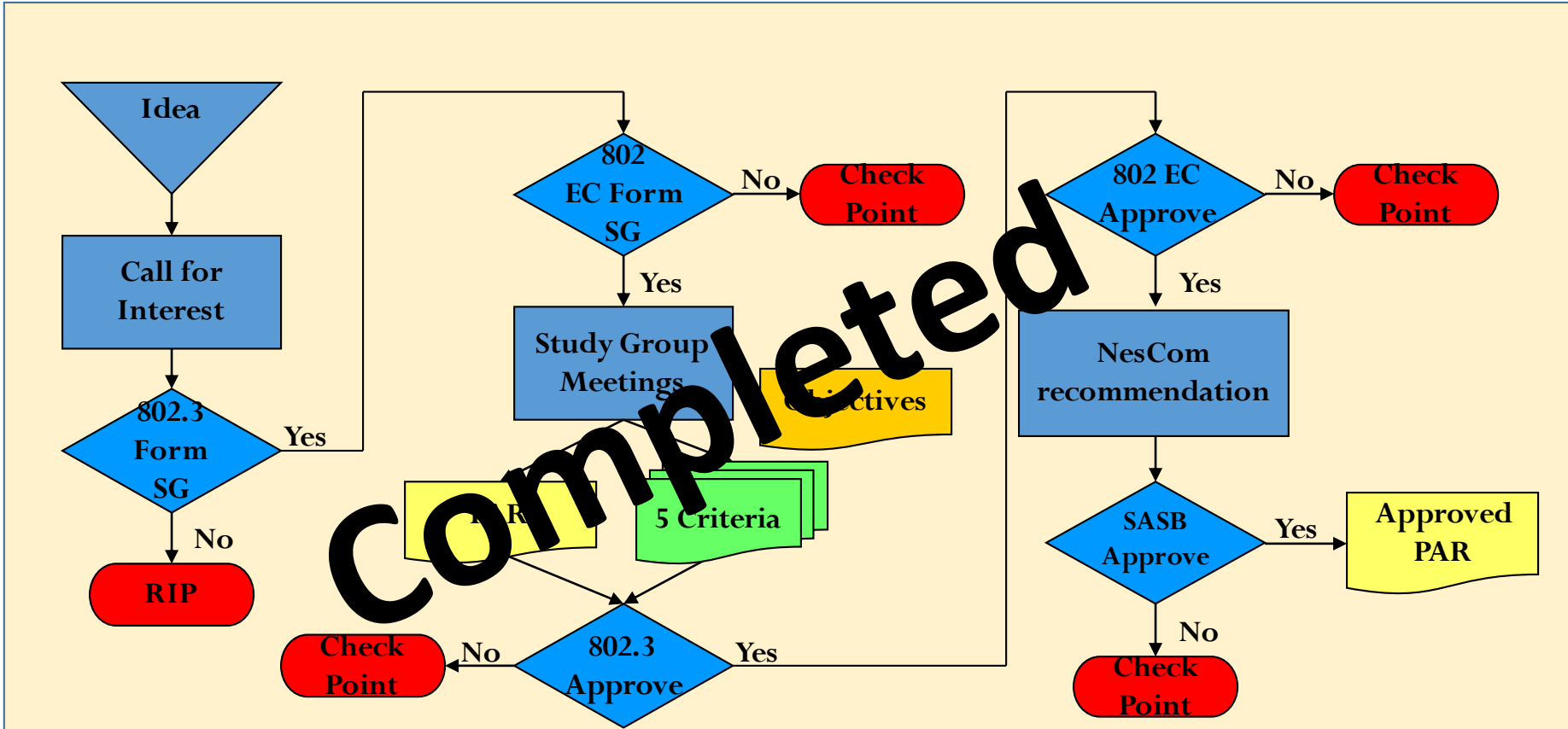
Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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

A

802.3 WG BALLOT

TF Resolves Comments

Substantive Changes — Yes →

In Scope New Negatives — Yes →

≥ 75% — Yes →

No → **Check Point**

D2.(n+1)

Completed

802.3 Forward to Sponsor Ballot — No → **A**

Yes ↓

802 EC Forward to Sponsor Ballot — No → **A**

Yes ↓

D3.0

B

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

B

LMSC Sponsor BALLOT

TF Resolves Comments

We are here.

D3.(n+1)

Substantive Changes — Yes

In Scope New Negatives — Yes

No

No

≥ 75% — Yes

No

Check Point

802.3 Forward to RevCom — No → **B**

Yes

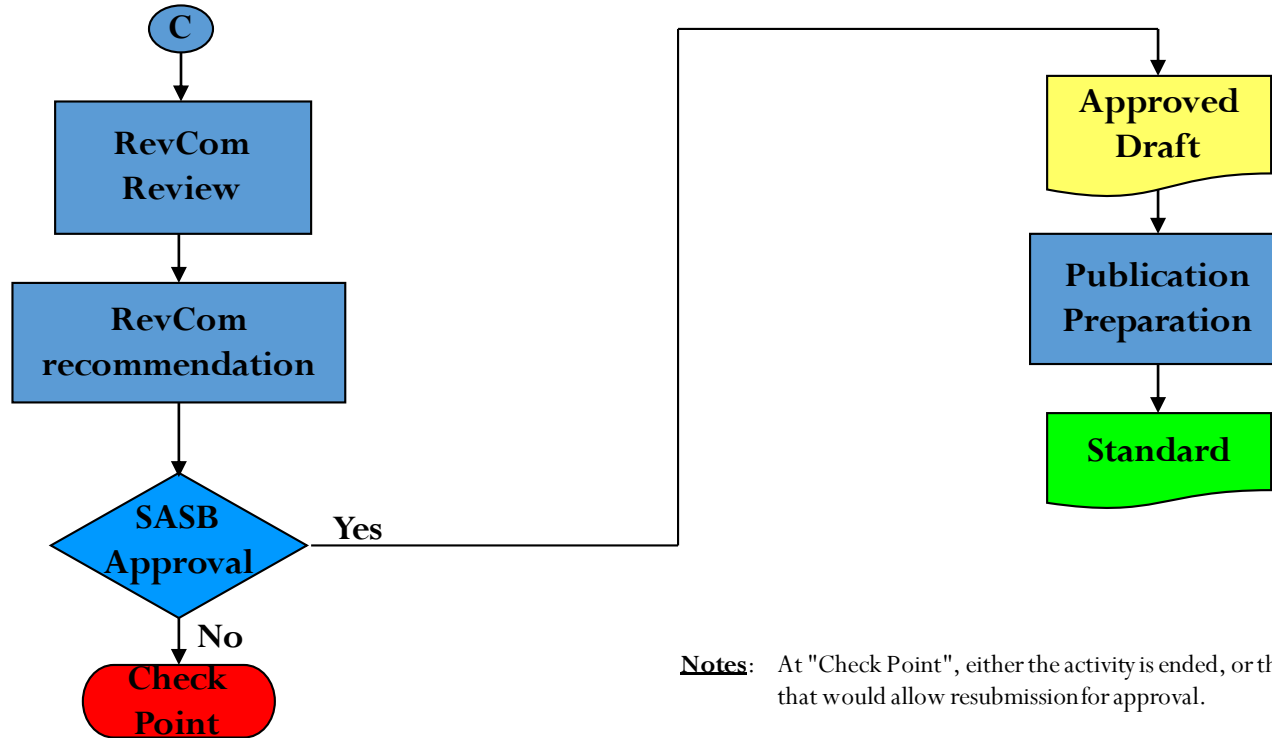**802 EC Forward to RevCom** — No → **B**

Yes

C

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

C

RevCom Review

RevCom recommendation

SASB Approval

Yes

No

Check Point

Approved Draft

Publication Preparation

Standard

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

P802.3cc Ad Hocs

- Ad Hoc Chair – Peter Jones, Cisco
  - Meetings 6/7 and 6/14
  - Report - jones_01_3cc_0717.pdf

Schedule

Monday	Presenter	Employer / Affiliation	Title	File Name
1:00 PM	David Lewis	Lumentum	Agenda and General Information	0717_cc_agenda.pdf
1:30 PM	Kohichi Tamura	Oclaro	Chief Editor's Report	tamura_01_3cc_0717.pdf
1:40 PM	Peter Jones	Cisco	Ad Hoc Chair's Report	jones_01_3cc_0717.pdf
1:45 PM	Task Force Comment Review			
3:00 PM	Break			
3:20 PM	Task Force Comment Review			
5:15 PM	Closing Business			
5:45 PM	Adjourn			

Future Task Force Meetings

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

- September 2017 Interim
  - Charlotte, NC, USA
  - Sept 11th-15th, 2017
- November 2017 Plenary
  - Orlando, FL, USA
  - Nov 6th-9th, 2017

Thank You!