# Agenda and General Information

IEEE 802.3cc

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

David Lewis, Lumentum

Huntington Beach, CA      January 11th, 2017

# P802.3cc Task Force Meeting – Jan 11th, 2016 Agenda

- Task Force Chair's Presentation
  - Welcome and Introductions
  - Approve Agenda  - Motion #1
  - Approve TF Minutes  Nov Interim - Motion #2
  - Attendance
  - Ground Rules
  - IEEE
    - Structure
    - Bylaws and Rules
    - Guidelines for IEEE-SA Meetings
    - Patent Policy
    - IEEE Standards Process
  - P802.3cc Project Information
  - P802.3cc Task Force Timeline
  - Goals for this meeting
  - Review of Schedule for this Meeting
  - Ad Hoc Meetings
  - Future Meetings
- Ad Hoc Chair's Report
- Editor's Report
- Presentations
- Comment Resolution on D2.0
- Motions and Closing Business

# 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
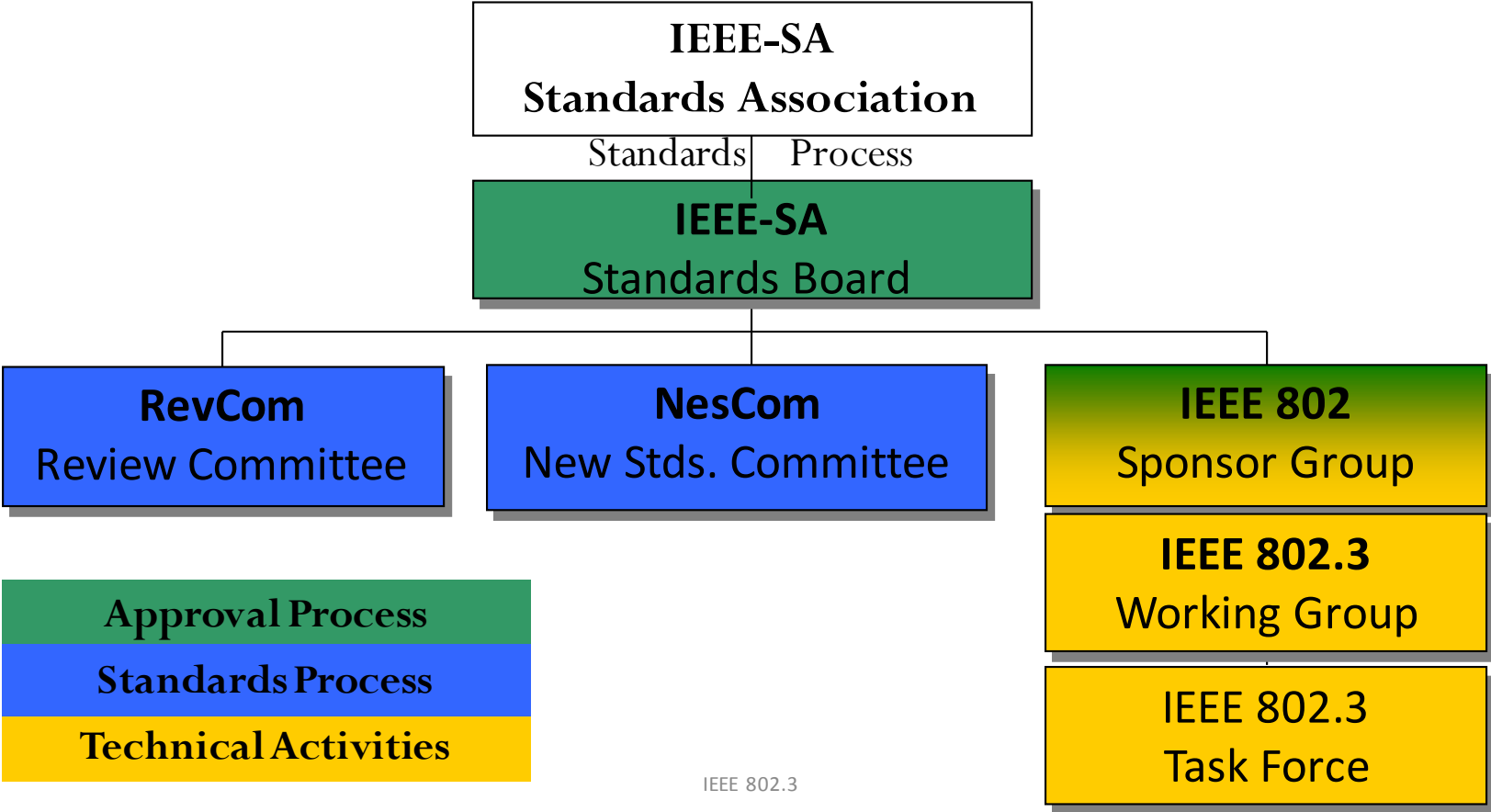    - (must be on meeting SSID – no VPN)

# 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

# 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

# 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

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**

# 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

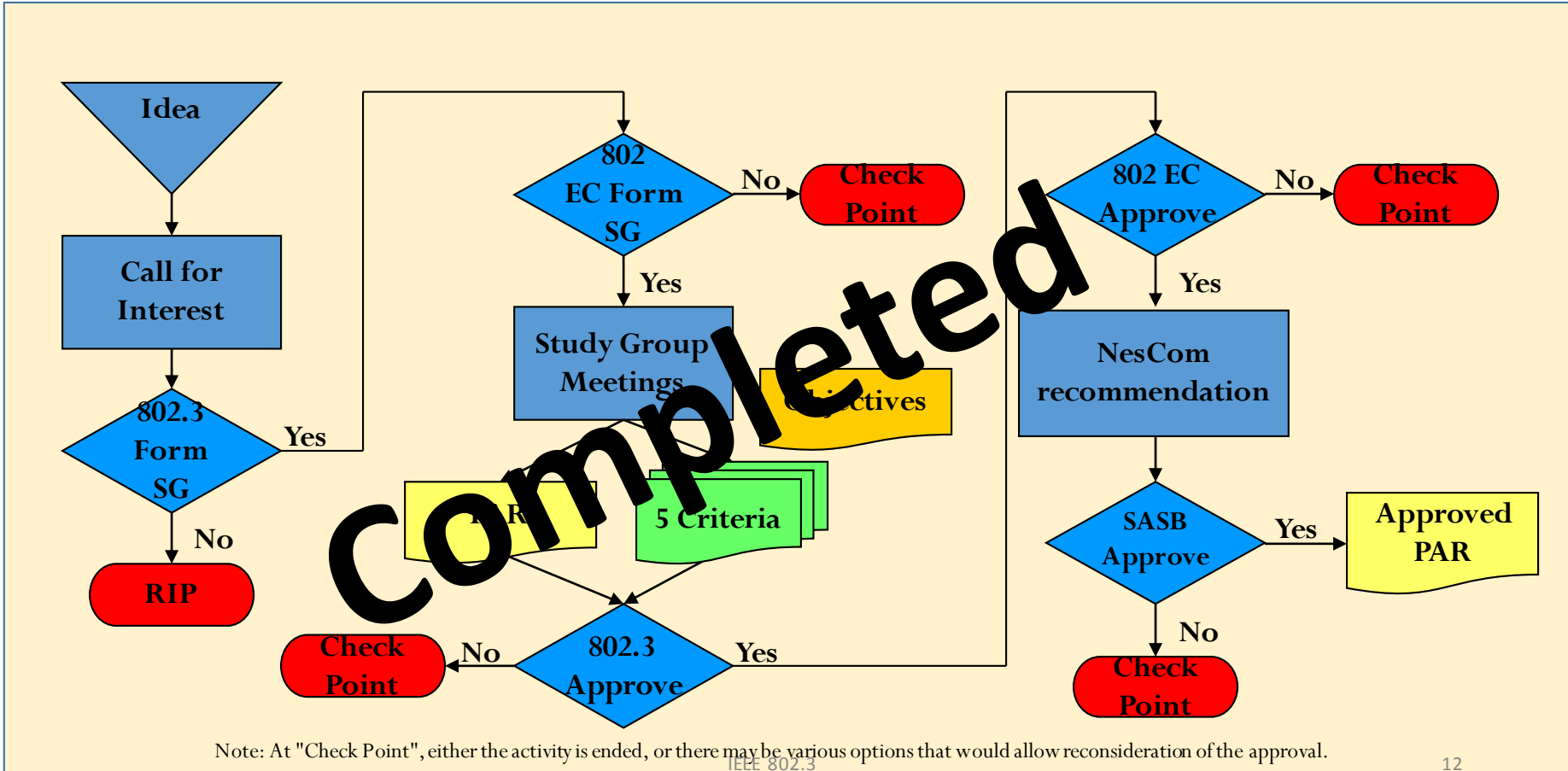Slide #2

# 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

# 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.**

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**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.**
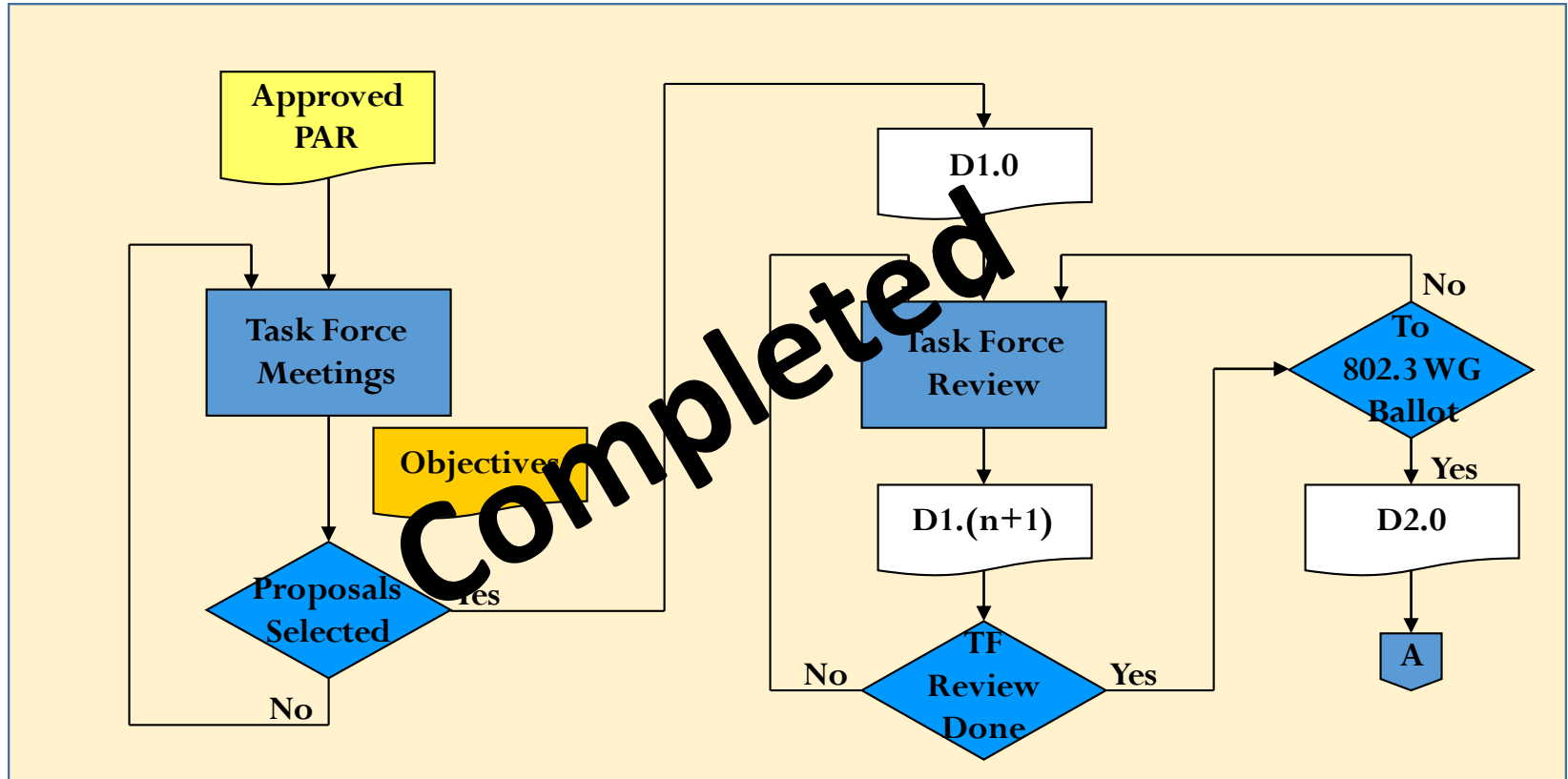
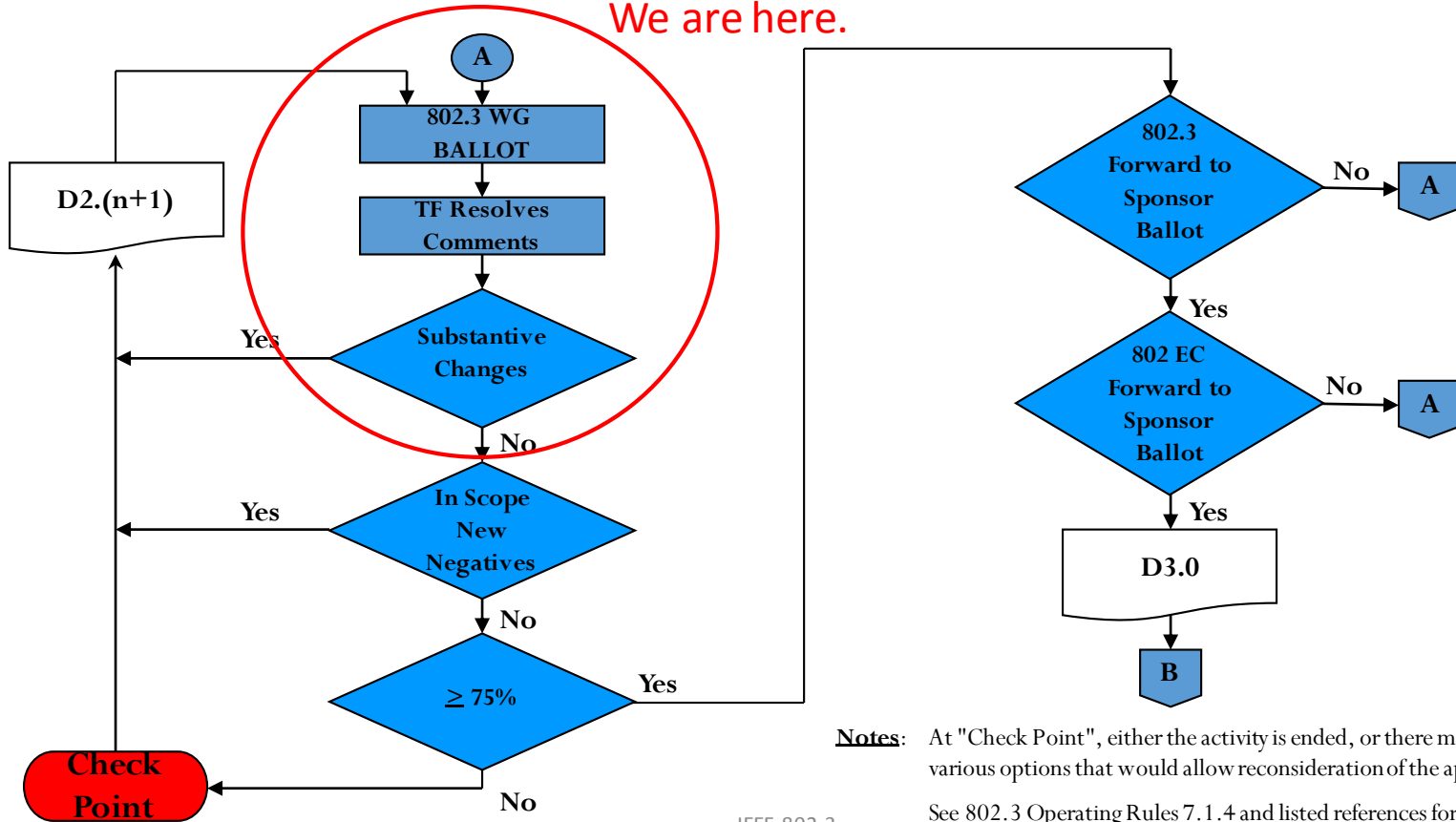Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.
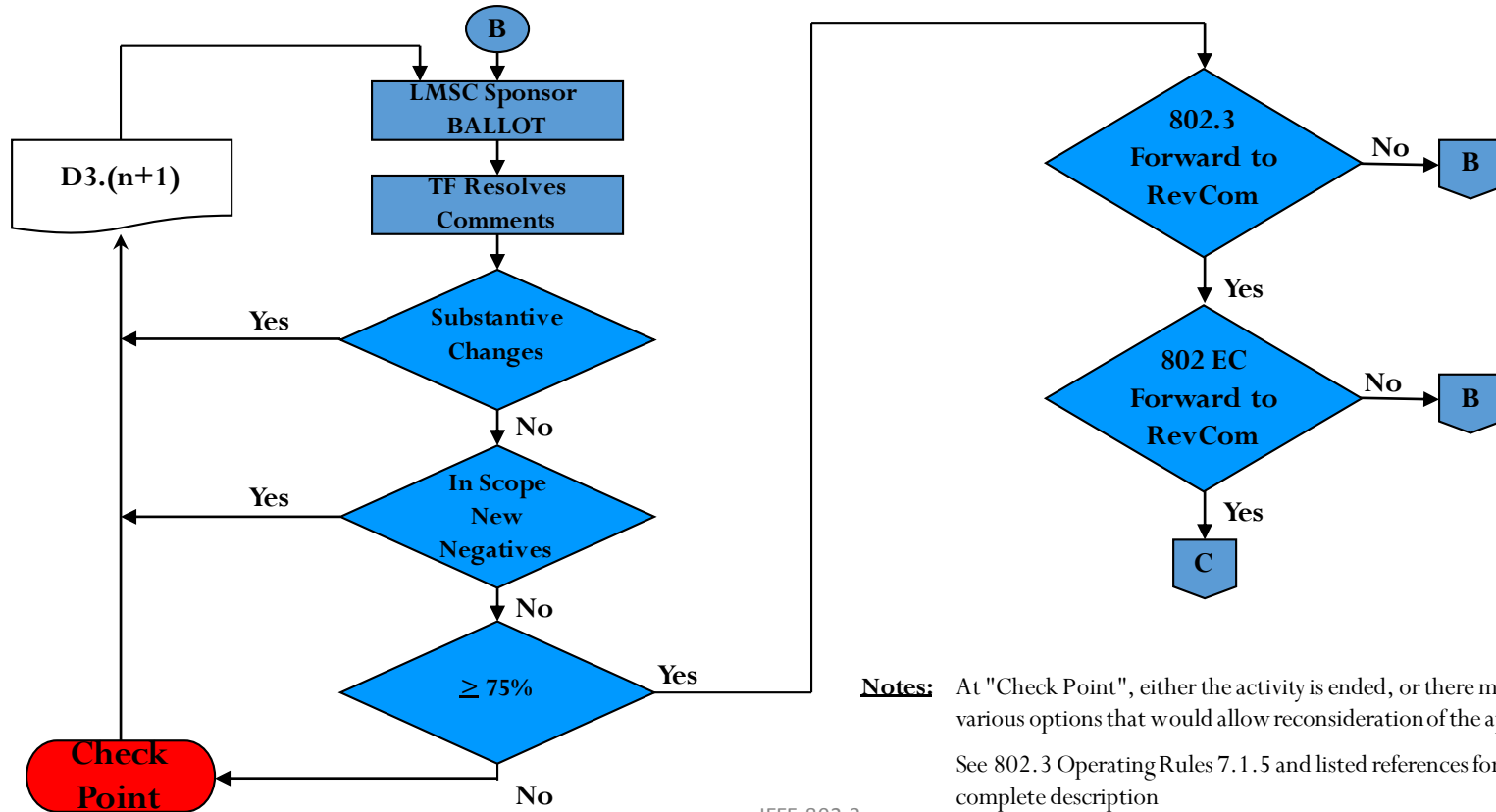
**Notes**: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.
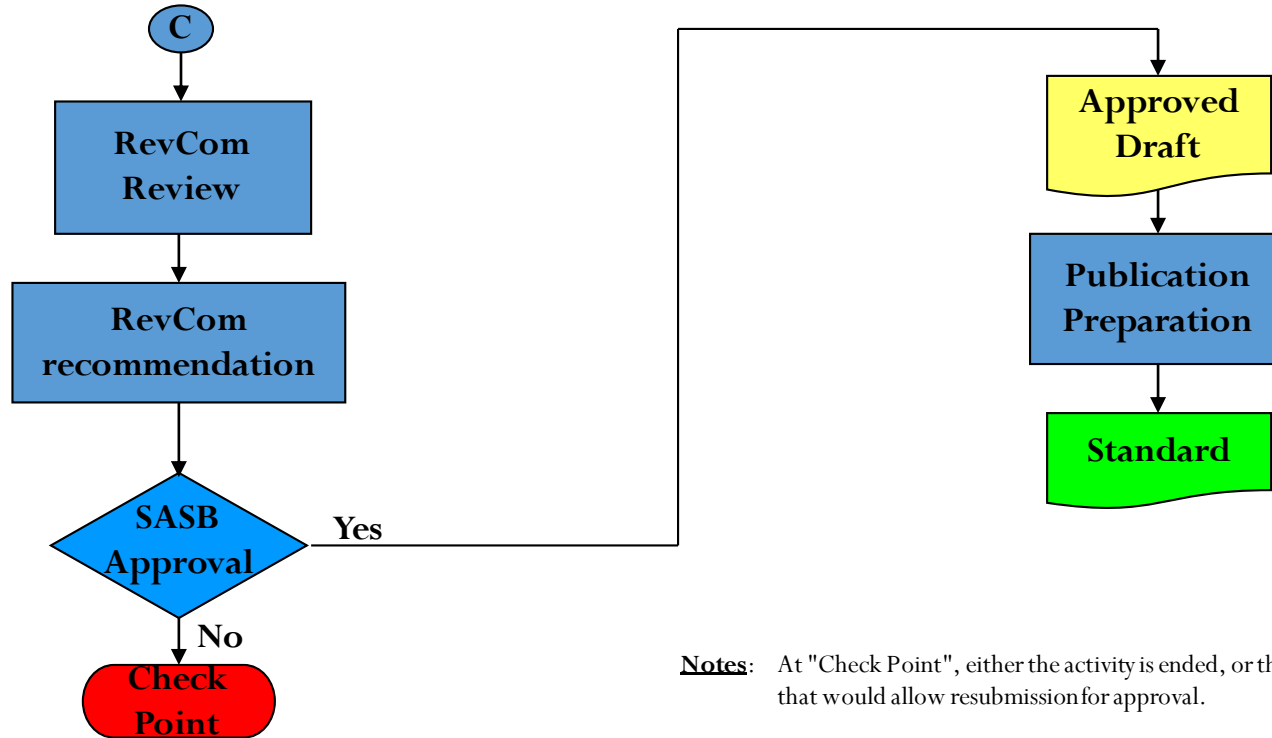
See 802.3 Operating Rules 7.1.4 and listed references for complete description

# 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



**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.

# IEEE P802.3cc Task Force Project Information

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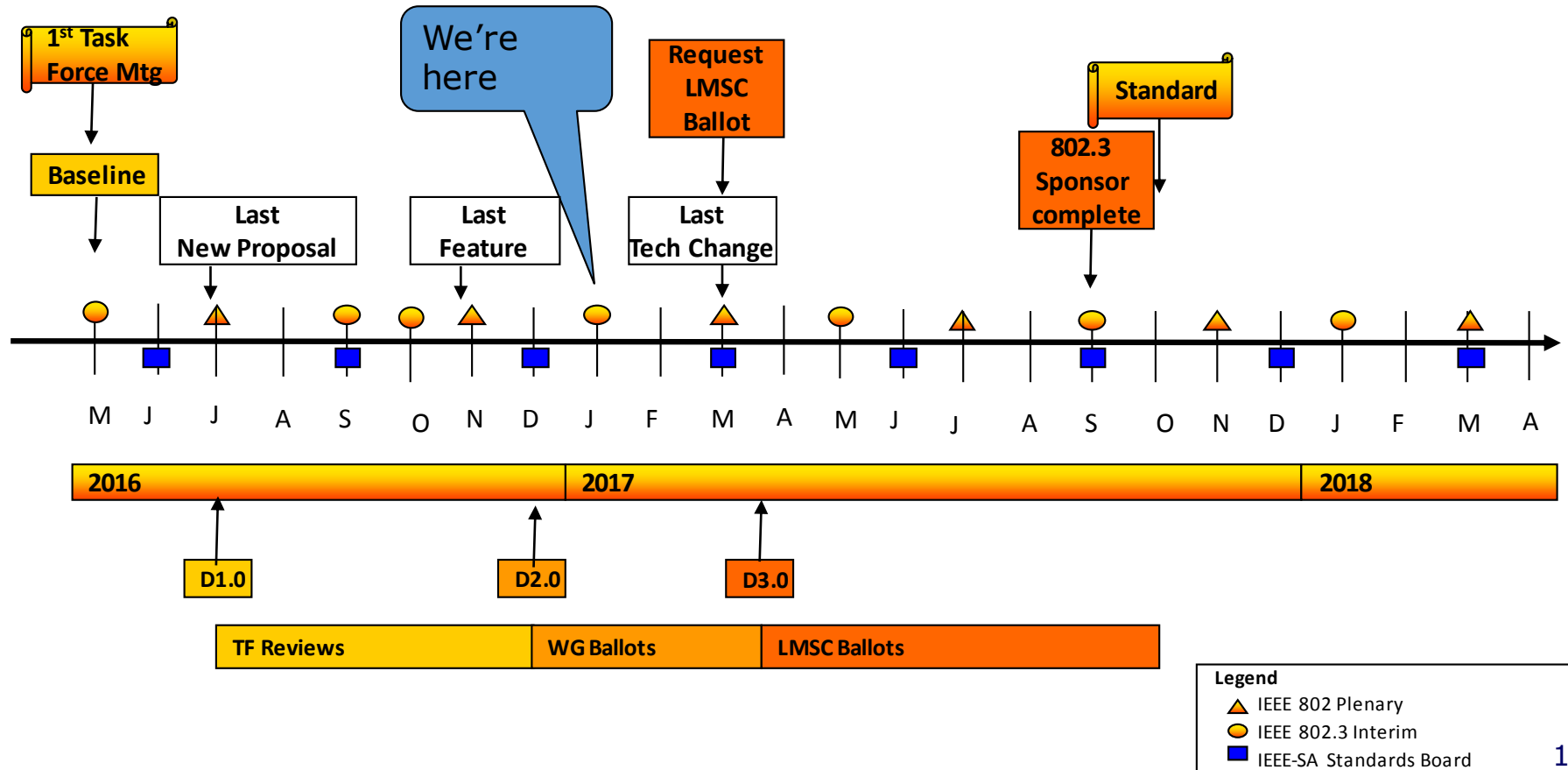  - Ad hoc Chair:             Peter Jones, Cisco

- 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/Draft_Timeline_0716.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.

# IEEE P802.3cc Task Force Timeline

# P802.3cc Task Force - Goals for this meeting

- Our sixth meeting as a Task Force
  - Resolve comments received against D2.0
    - Hear presentations
  - Be ready to prepare D2.1 for WG recirculation ballot

# P802.3cc Task Force Meeting Schedule – Jan 11th, 2017

| Wednesday | Presenter | Affiliation | Title | File Name |
|---|---|---|---|---|
| 11-Jan-17 | David Lewis | Lumentum | Agenda and General Information | agenda_01_3cc_0117.pdf |
| | Peter Jones | Cisco | Ad Hoc Chair's Report P802.3cc | jones_01_3cc_0117.pdf |
| | Kohichi Tamura | Oclaro | Chief Editor's Report P802.3cc | |
| | Comment Resolution | | | |
| | Kohichi Tamura | Oclaro | Concerning Comments on 25GBASE-LR and 25GBASE-ER Interoperation | tamura_02c_3cc_0117.pdf |
| | Xi Huang | Huawei | Reconsideration of PIN-based Receiver for 25GbE SMF 40km | huang_01_3cc_0117.pdf |
| | Kohichi Tamura | Oclaro | Comments on Proposal to Shift Link Budget of 25GBASE-ER By +2.8dBm To Accommodate PIN Receivers | tamura_03_3cc_0117.pdf |
| | Discussion, Straw Polls & Motions | | | |

# P802.3cc Ad Hoc Meetings

- Ad Hoc Chair – Peter Jones, Cisco
- Conducted by Webex
- Meeting announcements sent to the 25GSMF reflector
- Weekly time slot = Wednesdays at 2 PM Pacific Time (US & Canada)

# Future Task Force Meetings

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

- March 2017 Plenary
  - Vancouver, BC, Canada
  - March 13th-16th, 2017
- May 2017 Interim
  - New Orleans, LA
  - May 22nd-26th, 2017
- July 2017 Plenary
  - Berlin, Germany
  - July 10th-13th, 2017
- September 2017 Interim
  - North America (TBD)
  - Sept 11th-15th, 2017
- November 2017 Plenary
  - Orlando, FL
  - Nov 6th-9th, 2017

# Thank You!