

Agenda and General Information

IEEE 802.3cc

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

David Lewis, Lumentum

Vancouver, BC March 15th, 2017

Participation in IEEE 802 Meetings

All participation in IEEE 802 Working Group meetings 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”.*
(http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 4.2.1)
- **You have an obligation to act and vote as an individual and not under the direction of any other individual or group. Your obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**
- **You 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 http://ieee802.org/PNP/approved/IEEE_802_WG_PandP_v19.pdf section 3.4.1, 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.

P802.3cc Task Force Meeting – March 15th, 2017

Agenda

- Task Force Chair's Presentation
 - Welcome and Introductions
 - Approve Agenda - **Motion #1**
 - Approve TF Minutes [Feb Interim](#) - **Motion #2**
 - WG recirculation ballot results
 - Goals for this meeting
 - 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
 - Review of Schedule for this Meeting
 - Ad Hoc Meetings
 - Future Meetings
- Editor's Report
- Motions and Closing Business

WG recirculation ballot results of 802.3cc

Results on D2.0, D2.1 and D2.2:

- 223 Voters
- 130 Approve
- 3 Disapprove
- 24 Abstain
- 157 Ballots returned

- 70.40% Response Rate (> 50% required)
- 15.29% Abstain Rate (< 30% required)
- 97.74% Approval Rate (>= 75% required)

No in-scope new negative votes received on D2.2

P802.3cc Task Force - Goals for this meeting

- Our eighth meeting as a Task Force
 - Approve generation of D3.0
 - Consensus building items for work during sponsor ballot
 - Lower limits on extinction ratio for –LR and -ER
 - Loss of signal limit values

Attendance

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

Ground Rules

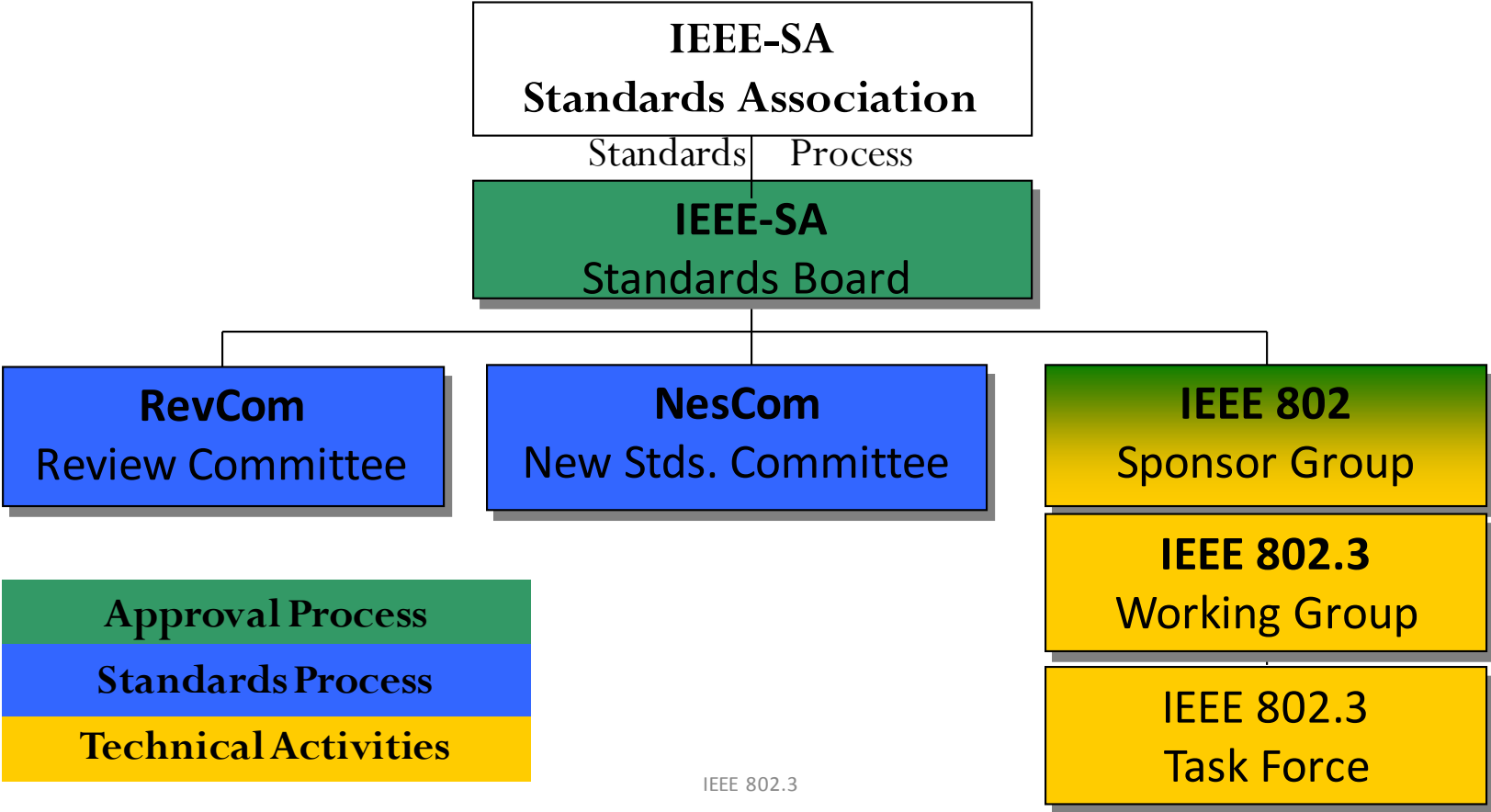
- Based upon IEEE 802.3 Rules
 - Foundation based upon Robert's Rules of Order
 - Anyone in the room may speak
 - Anyone in the room may vote
- **RESPECT**... give it, get it
- NO product pitches
- NO corporate pitches
- NO prices!!!
 - This includes costs, ASPs, etc. no matter what the currency
- NO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



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

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>

Call for Potentially Essential Patents

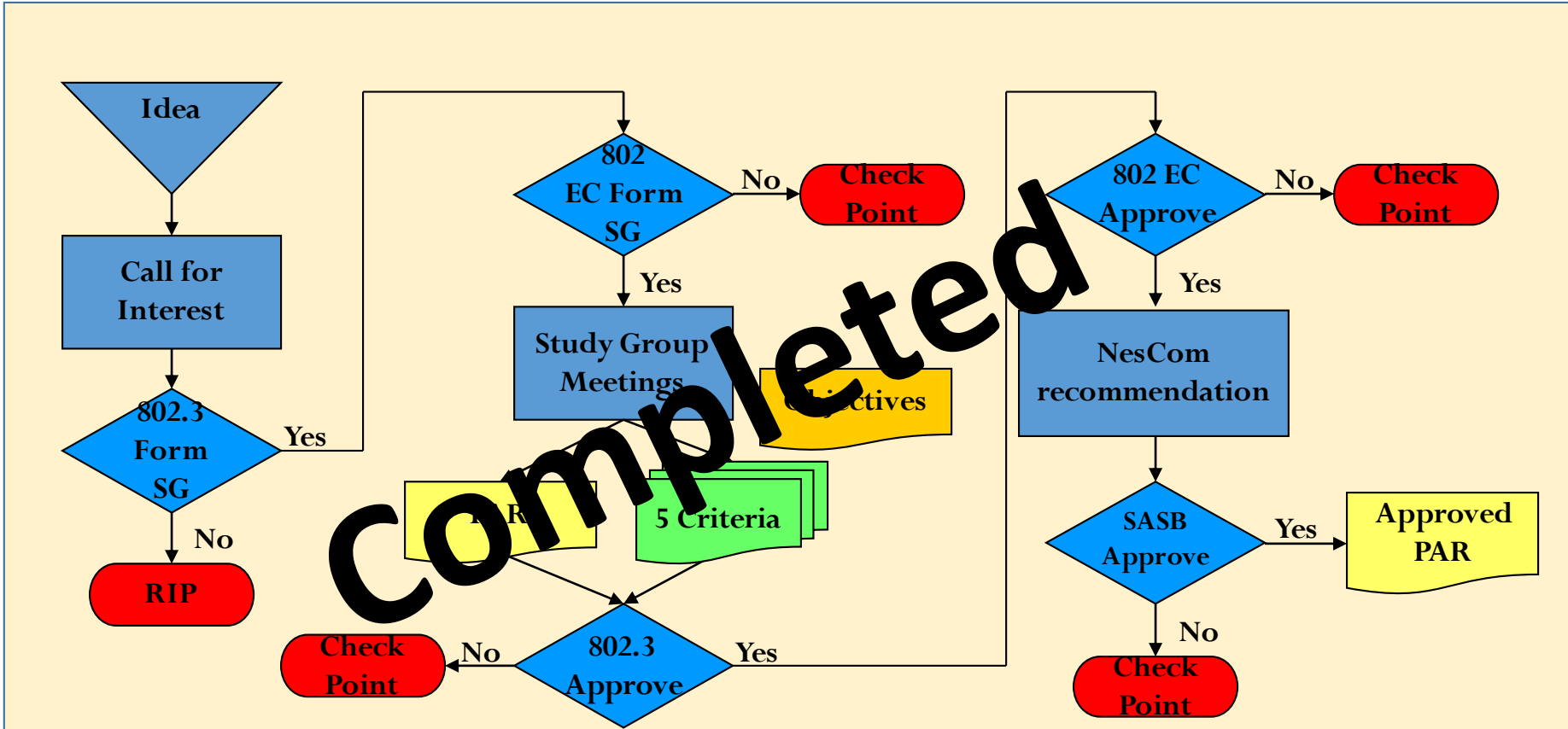
- If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:
 - Either speak up now or
 - Provide 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.**

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.

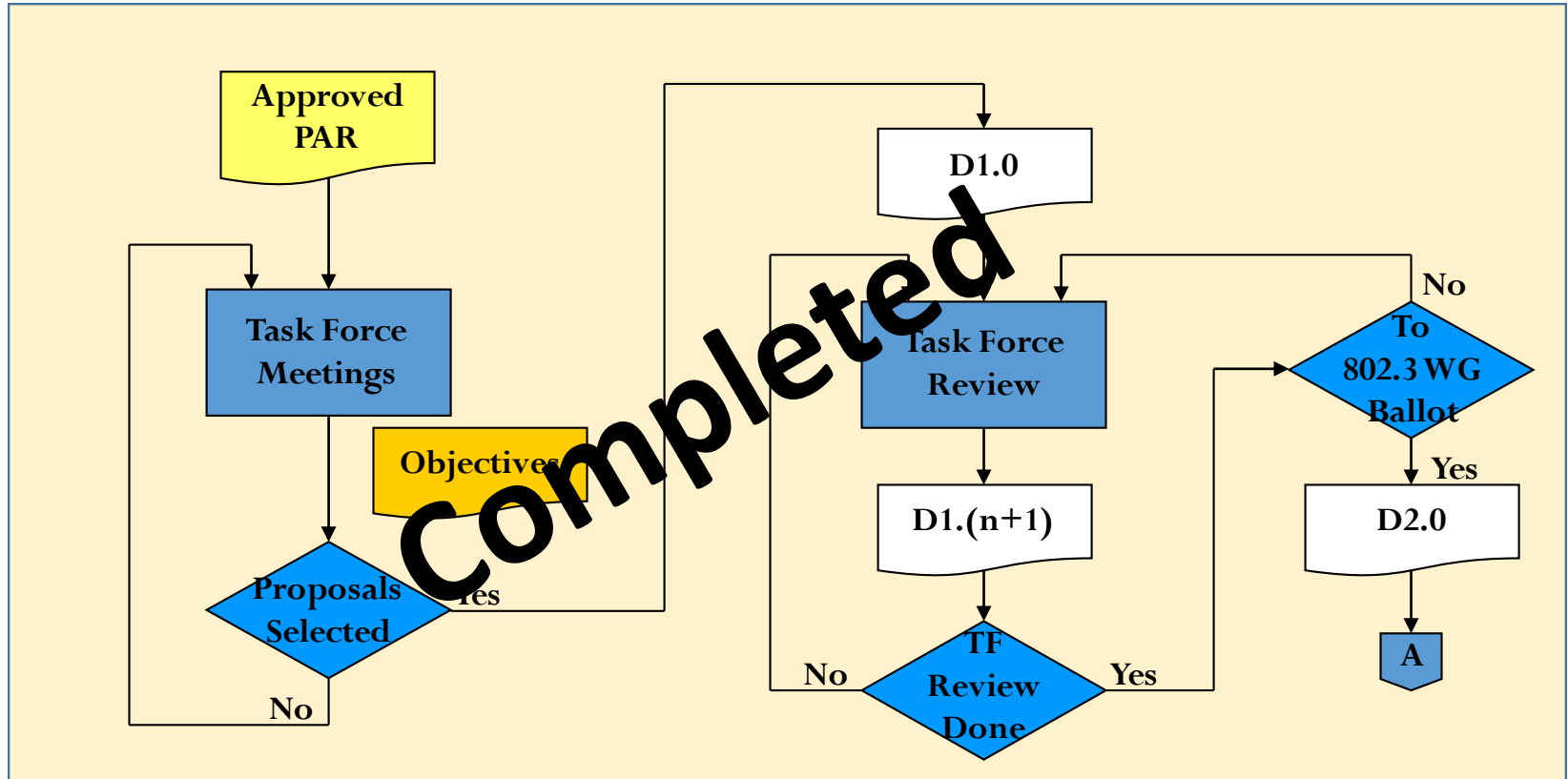
Overview of IEEE 802.3 Standards Process (1/5)- Study Group Phase



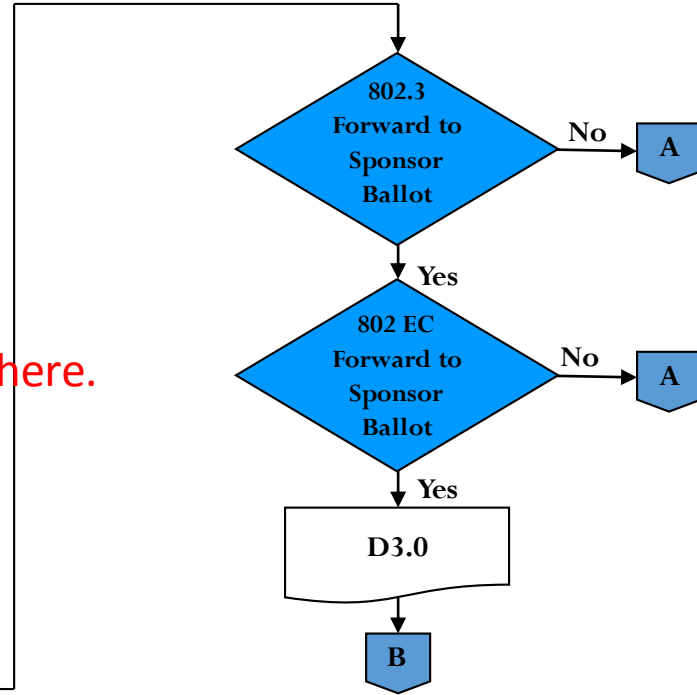
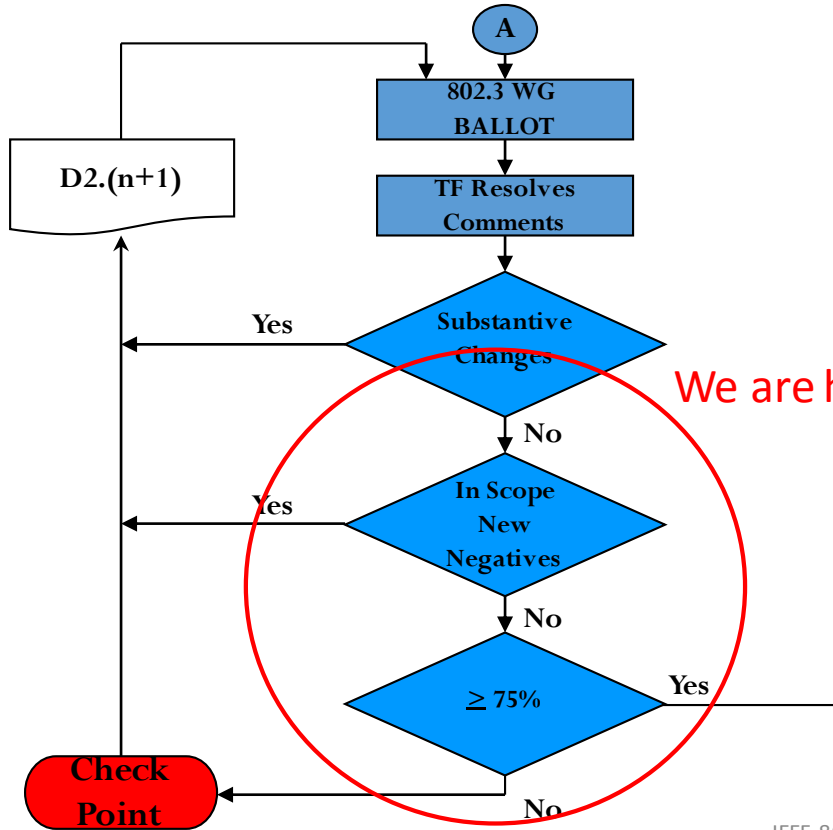
Completed

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



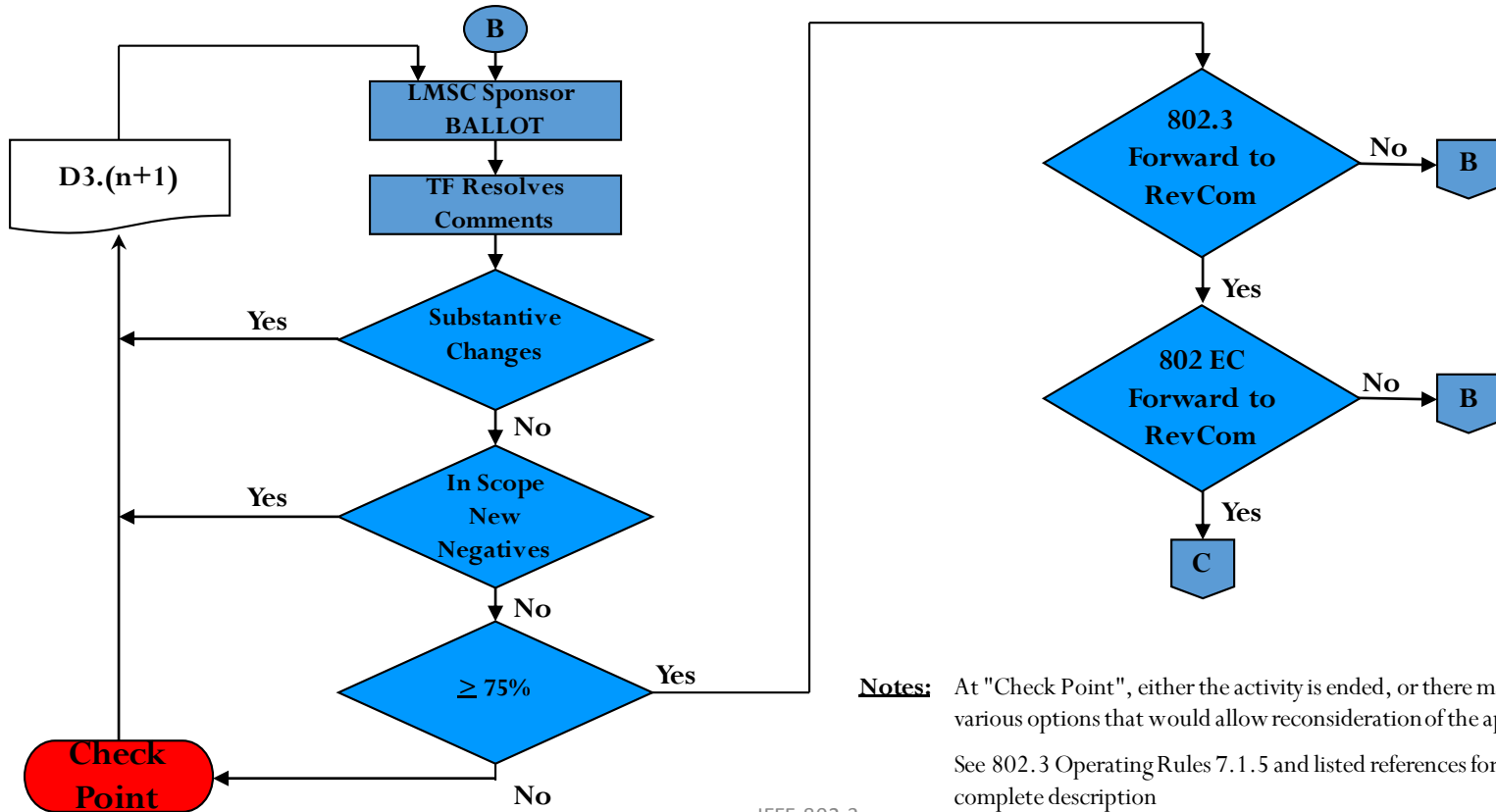
Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



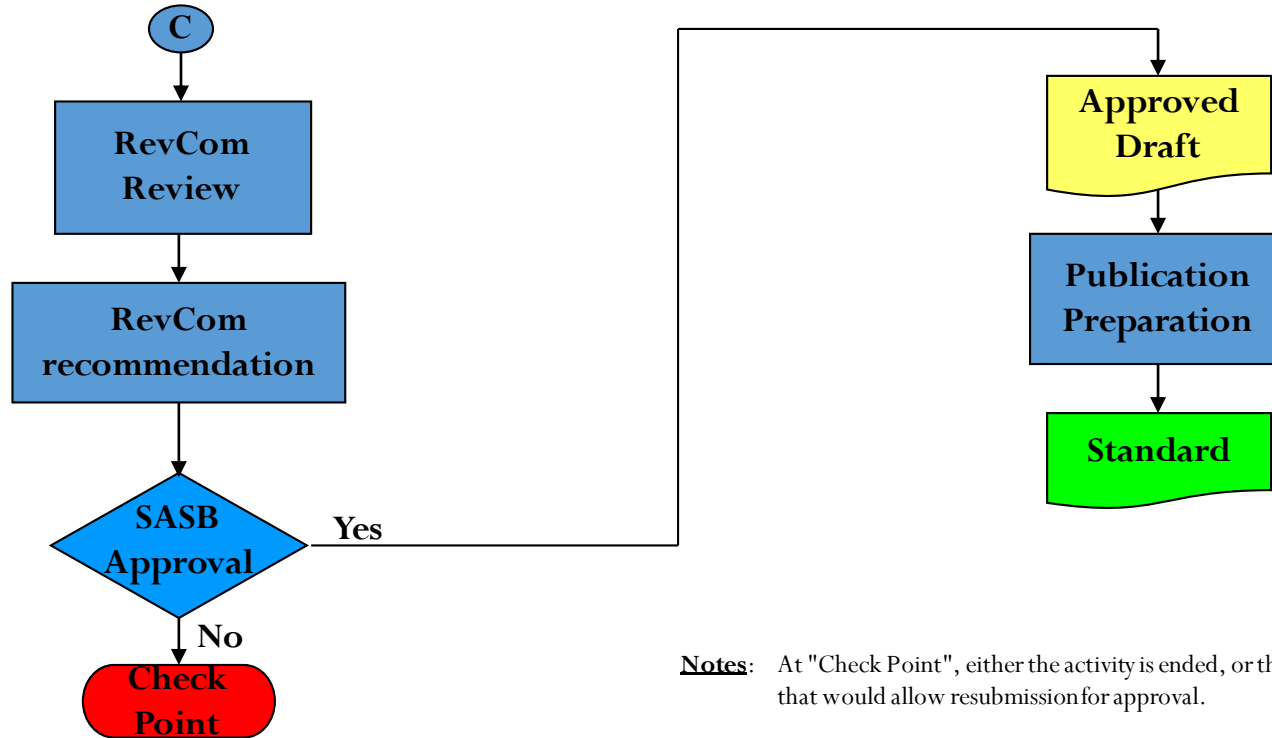
Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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



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 P802.3cc 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

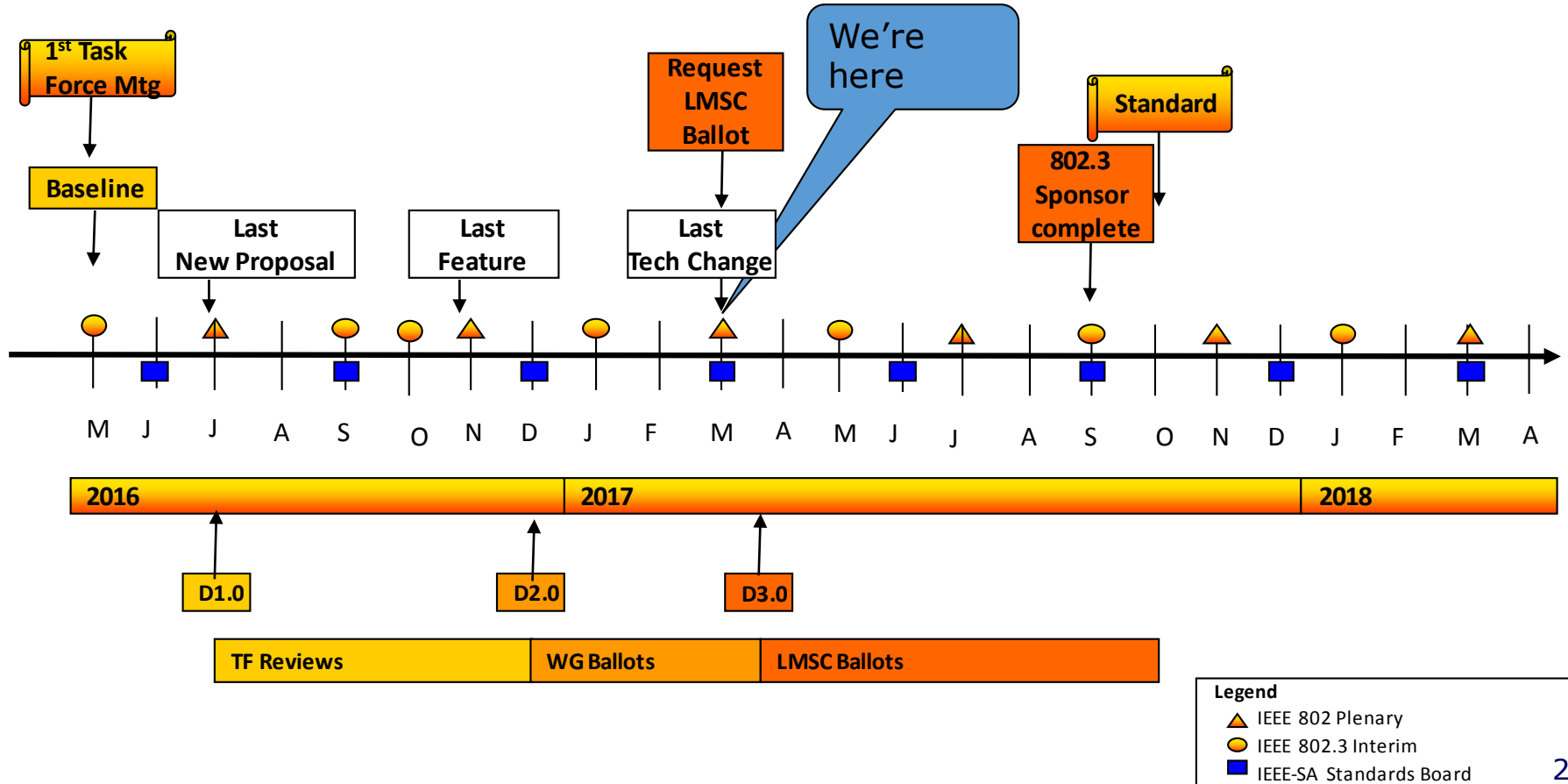
- Task Force Web and Reflector

- 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.

IEEE P802.3cc Task Force Timeline



P802.3cc Task Force Meeting Schedule – Mar 15, 2017

Wednesday	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>	<u>File Name</u>
<u>15-Mar-17</u>	David Lewis	Lumentum	Agenda and General Information	agenda_01_3cc_0317.pdf
-	Kohichi Tamura	Oclaro	Chief Editor's Report P802.3cc	
	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>
- 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!