Agenda and General Information

IEEE P802.3bs
200GbE and 400GbE
Task Force

John D'Ambrosia
Futurewei, a subsidiary of Huawei

IEEE P802.3bs Task Force
Oct 9, 2017 Teleconference

Agenda

- Welcome and Introductions
- Approve Agenda
- Participation in IEEE 802 Meetings
- Attendance
- 4th Recirculation Sponsor Ballot (D3.4) Summary
- Meeting Plan
- Project Information
- Patent Policy
- Ground Rules
- IEEE
  - Structure
  - Bylaws and Rules
  - IEEE 802.3 Standards Process
- Ad Hocs
- Chief Editor's Report
- Task Force Comment Resolution
- Motions and Closing Business
- Future Meetings

Task Force Decorum

- Photography or recording by permission only (2016 SASB Op Manual 5.3.3.2)
- Cell phone ringers off
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (5.3.3.3)
- 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

- Please enter your name and affiliation when accessing the meeting
- Alternatively, send email to the chair, jdambrosia@ieee.org stating that you were present on the call

4th Recirculation Sponsor Ballot (D3.4) Summary

- 134 Voters
  - 114 Approve
  - 1 Disapprove
  - 4 Abstain
  - 119 Ballots returned

- 88% Response Rate (>= 75% required)
- 3% Abstain Rate (< 30% required)
- 99% Approval Rate (>= 75% required)

- Thanks to everyone who participated

Meeting Plan

- Goals for the meeting
  - Consider Sponsor Ballot comments received against D3.4

IEEE P802.3bs Task Force Project information

- Task Force Organization
  - John D'Ambrosia, IEEE P802.3bs Task Force Chair
  - Pete Anslow, IEEE P802.3bs Task Force Chief Editor, Clauses FM, 00, 1, 4, 30, 45, 78, 116, A, 4A, 31B, 90, 93A, 120B, 120C Editor
  - Mark Gustlin, Clause 117, 118, 119, 119A Editor
  - Jonathan King, Clause 123 Editor
  - Andre Szczepanek, Annexes 120D, 120E
  - Peter Stassar, Clause 121, 122, 124 Editor
  - Steve Trowbridge, Clause 120, 120A Editor
- Task force web and reflector information
  - Reflector: http://www.ieee802.org/3/400GSG/reflector.html
  - Home page: http://www.ieee802.org/3/bs/index.html
    - PAR: http://www.ieee802.org/3/bs/PAR_P802.3bs_16_0516.pdf
    - *CSD*: https://mentor.ieee.org/802-ec/dcn/16/ec-16-0057-00-ACSD-802-3bs.pdf
    - Objectives: http://www.ieee802.org/3/bs/Objectives_16_0317.pdf
    - Timeline http://www.ieee802.org/3/bs/timeline_3bs_0915.pdf
  - Ad Hoc page http://www.ieee802.org/3/bs/public/adhoc/index.shtml

Private Area

- URL: http://www.ieee802.org/3/bs/private/index.html
  - Username: xxxxxx
  - Password: xxxxxx

- 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.

Instructions for the WG Chair

The IEEE-SA strongly recommends that at each WG meeting the chair or a designee:

- **Show slides #1 through #4 of this presentation**
- **Advise the WG attendees that:**
  - The IEEE's patent policy is described in Clause 6 of the *IEEE-SA Standards Board Bylaws*;
  - Early identification of patent claims which may be essential for the use of standards under development is strongly encouraged;
  - There may be Essential Patent Claims of which the IEEE is not aware. Additionally, neither the IEEE, the WG, nor the WG chair can ensure the accuracy or completeness of any assurance or whether any such assurance is, in fact, of a Patent Claim that is essential for the use of the standard under development.
- **Instruct the WG Secretary to record in the minutes of the relevant WG meeting:**
  - That the foregoing information was provided and that slides 1 through 4 (and this slide 0, if applicable) were shown;
  - That the chair or designee provided an opportunity for participants to identify patent claim(s)/patent application claim(s) and/or the holder of patent claim(s)/patent application claim(s) of which the participant is personally aware and that may be essential for the use of that standard
  - Any responses that were given, specifically the patent claim(s)/patent application claim(s) and/or the holder of the patent claim(s)/patent application claim(s) that were identified (if any) and by whom.
- The WG Chair shall ensure that a request is made to any identified holders of potential essential patent claim(s) to complete and submit a Letter of Assurance.
- It is recommended that the WG chair review the guidance in *IEEE-SA Standards Board Operations Manual* 6.3.5 and in FAQs 14 and 15 on inclusion of potential Essential Patent Claims by incorporation or by reference.

Note: **WG** includes Working Groups, Task Groups, and other standards-developing committees with a PAR approved by the IEEE-SA Standards Board.

(Optional to be shown)

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

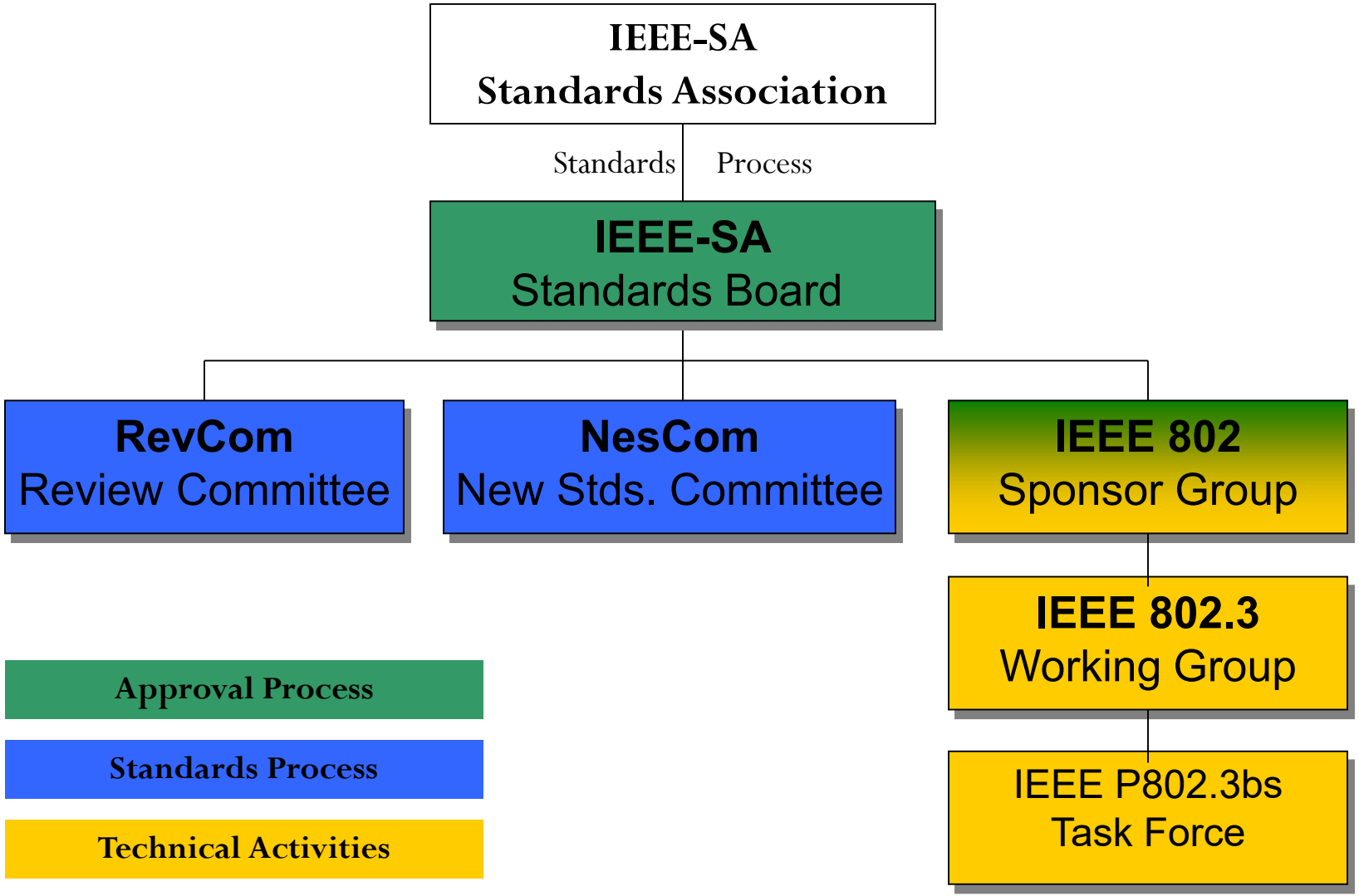
- **All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.**
  - **Don't discuss the interpretation, validity, or essentiality of patents/patent claims.**
  - **Don't discuss specific license rates, terms, or conditions.**
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

Ground Rules

- Based upon IEEE 802.3 Rules
  - Foundation based upon Robert's Rules of Order
  - Anyone in the room may speak
- For motions, per Section 3.4.2 Voting, IEEE 802.3 OM (http://www.ieee802.org/3/rules/P802_3_rules.pdf) for electronic meetings –
  - "… only IEEE 802.3 Working Group members may make and vote on motions. If a motion is not approved by unanimous consent it shall be taken as a roll call 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

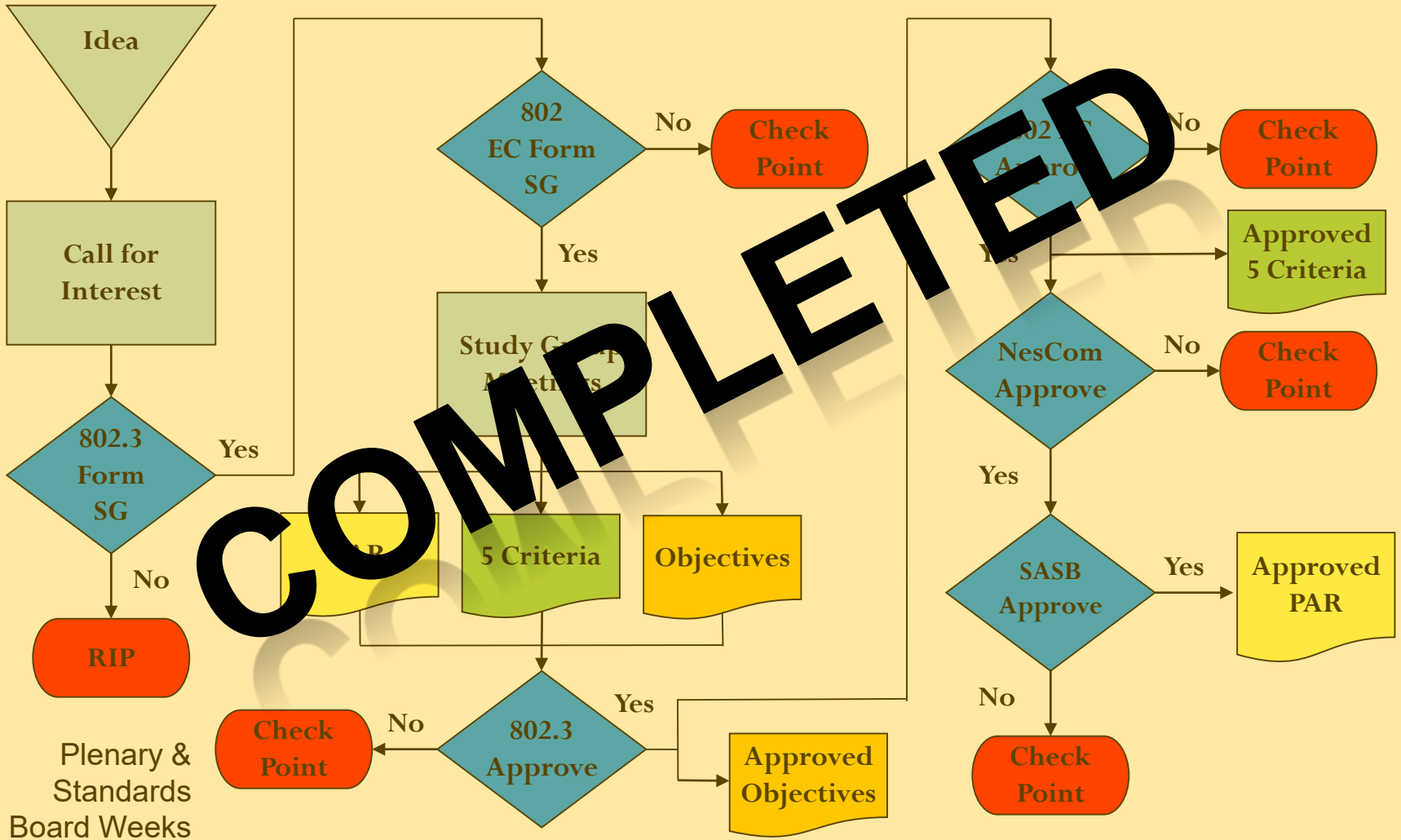
IEEE Structure



Important Bylaws, Rules, & References

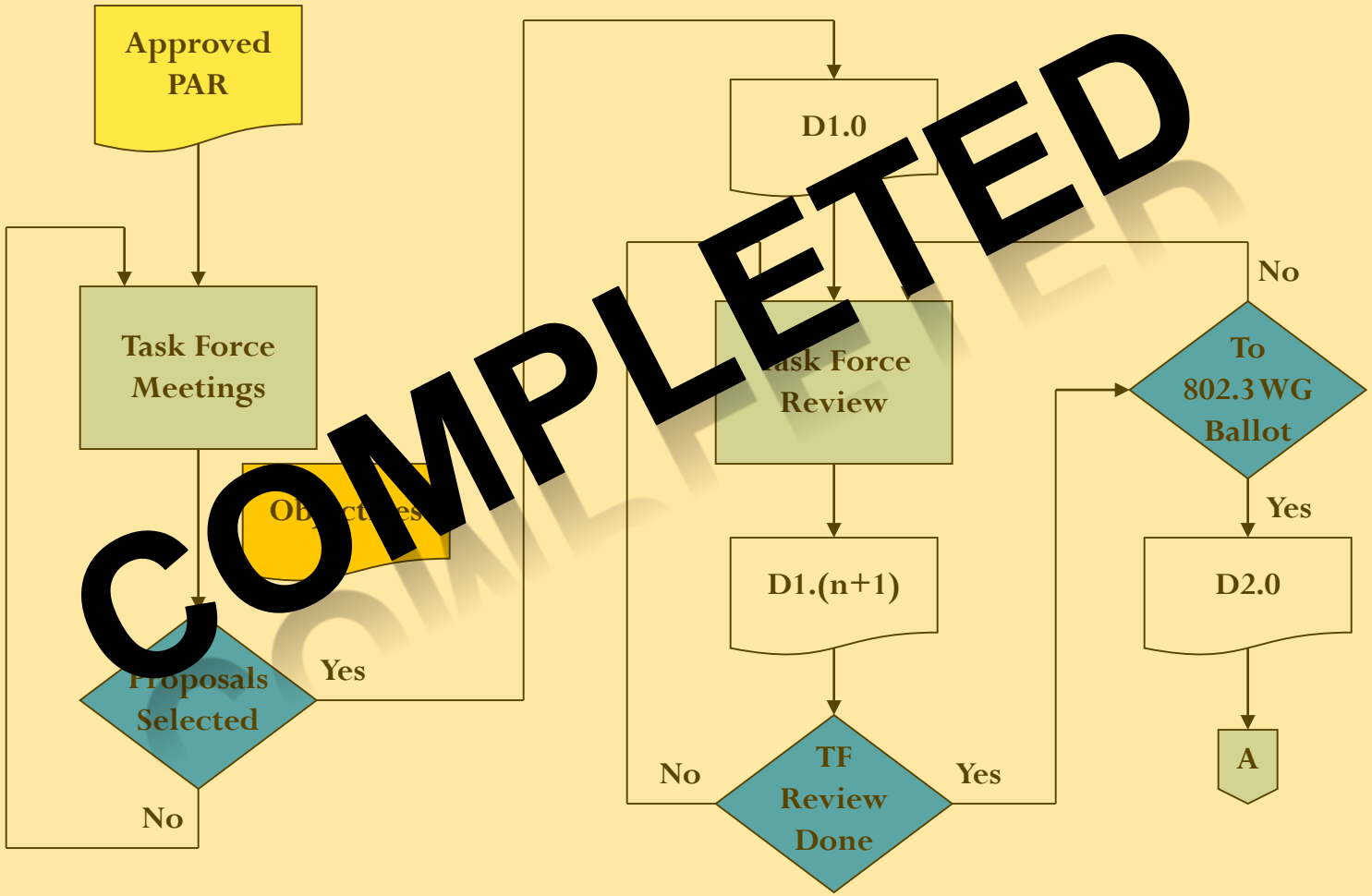
- IEEE-SA Operations Manual
  http://standards.ieee.org/sa/sa-om.pdf
- IEEE-SA Standards Board Bylaws
  http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf
- IEEE-SA Standards Board Operations Manual
  http://standards.ieee.org/guides/opman/sb-om.pdf
- IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures
  http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf
- IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual
  http://ieee802.org/PNP/approved/IEEE_802_OM_v19.pdf
- IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures
  http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf
- IEEE 802.3 Working Group Operating Rules
  http://ieee802.org/3/rules/P802_3_rules.pdf
- "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy"
  http://standards.ieee.org/develop/policies/antitrust.pdf

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

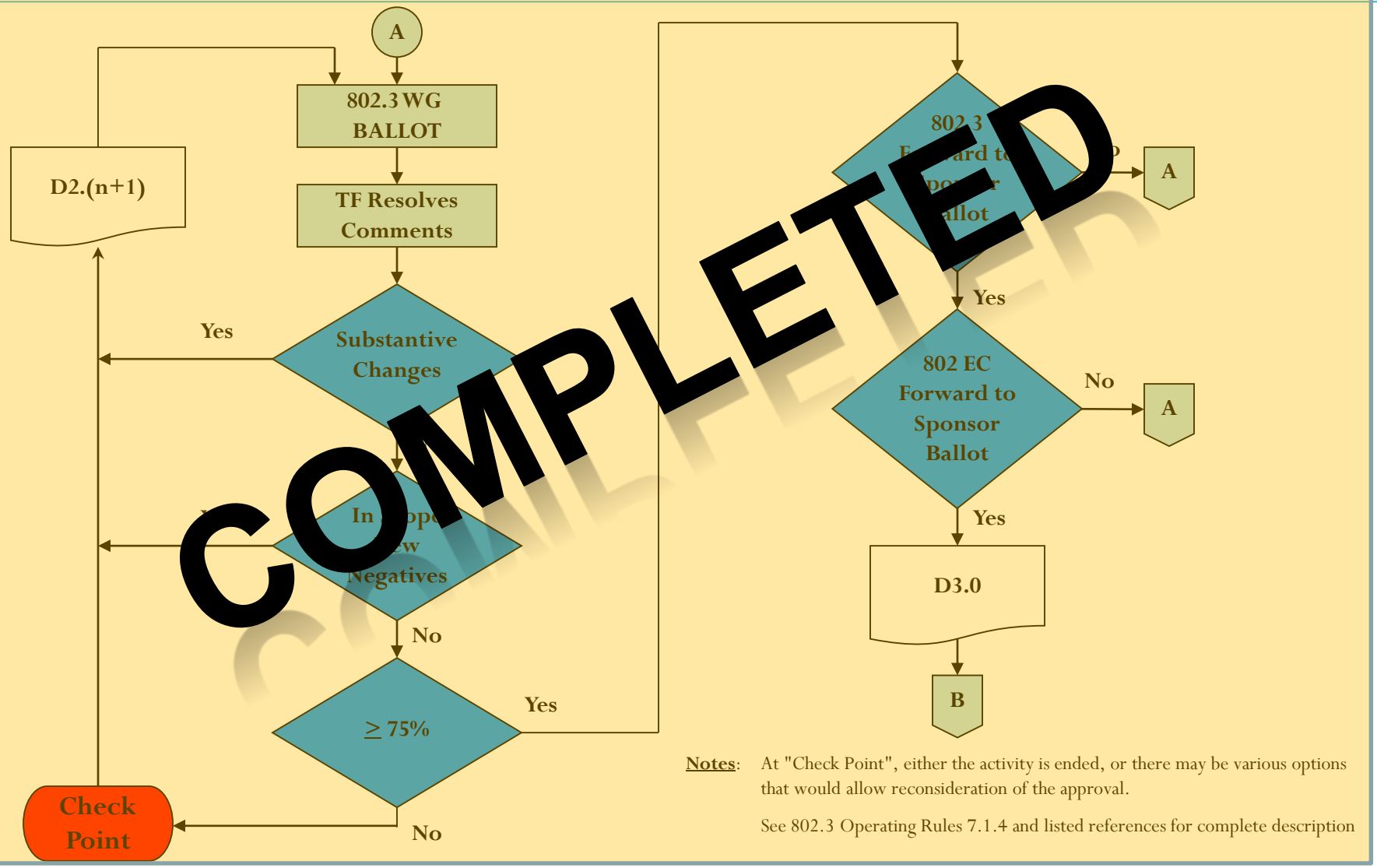


Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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

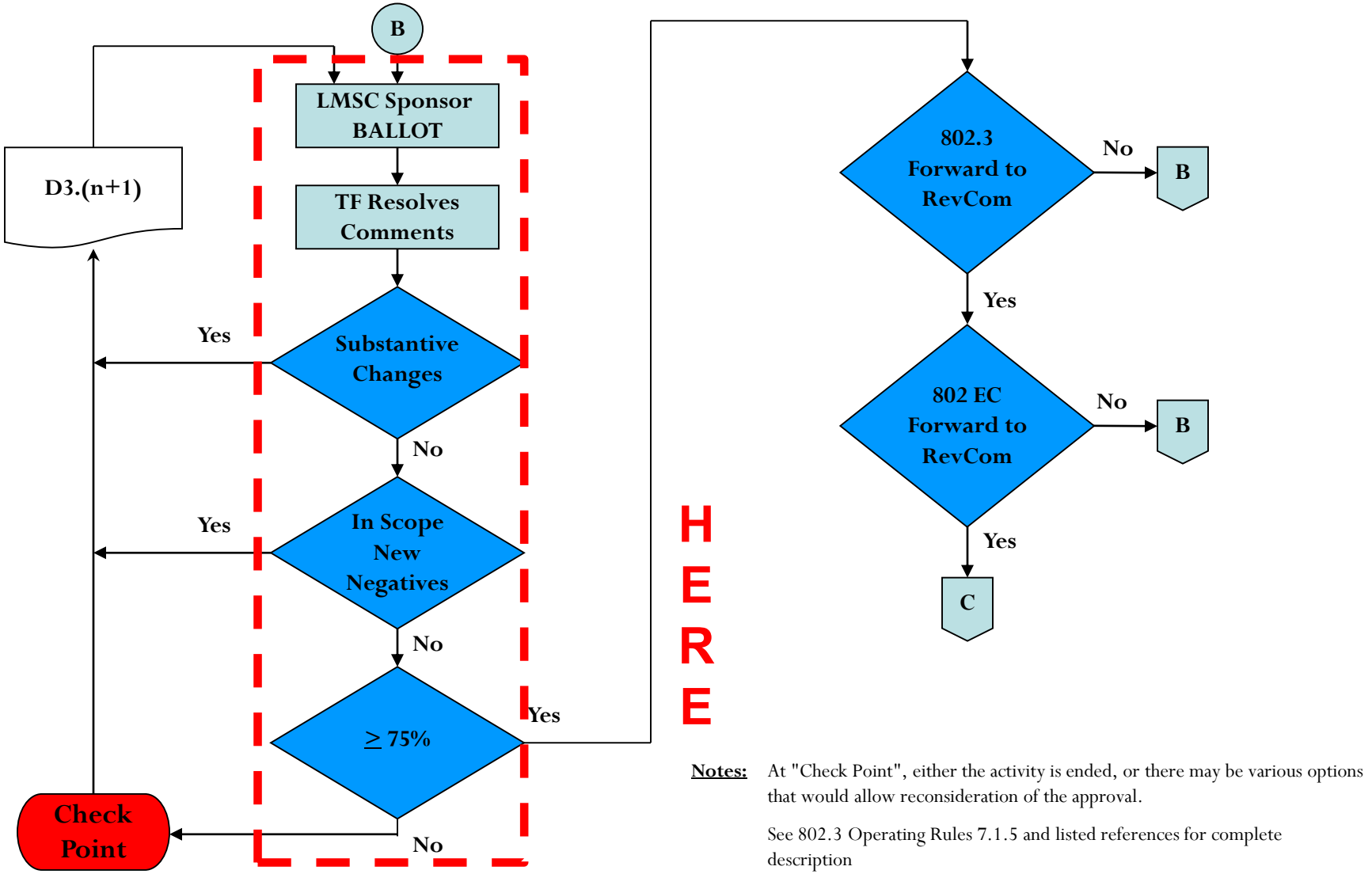


Overview of IEEE 802.3 Standards Process (3/5) – Working Group Ballot Phase



COMPLETED

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

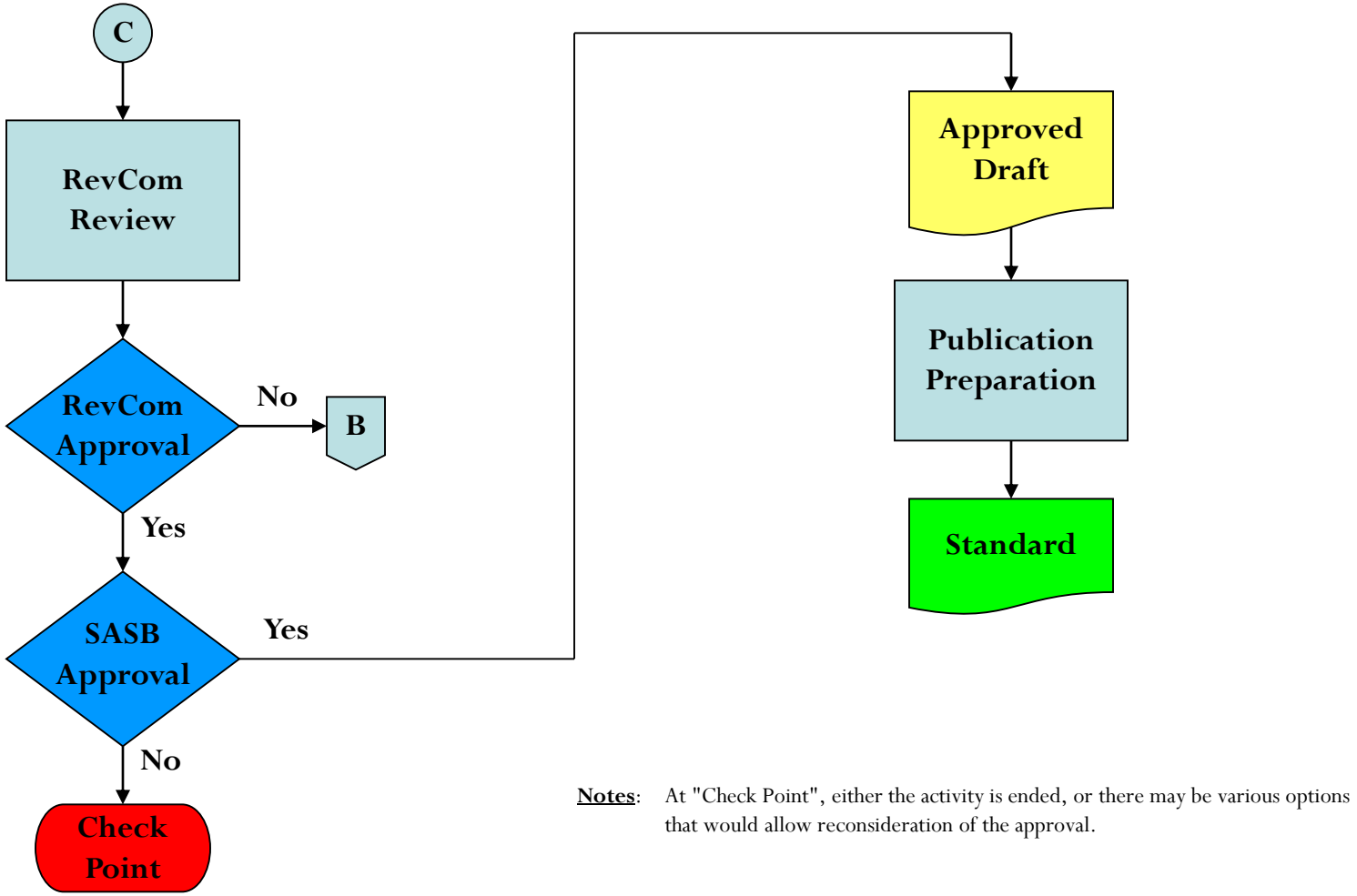
IEEE-SA OPS Manual -

5.4.3.5 Completion of the standards balloting process and submittal to RevCom

- ***A minimum of 75%*** of those voting Approve or Do Not Approve (Negative with comment) must approve the draft in order to submit the ballot result to the IEEE-SA Standards Board. In the event that 30% or more of the returned ballots are Abstentions, the standards balloting process shall be considered invalid.
- In the event that a 75% return cannot be obtained, the standards balloting process is considered to have failed and further disposition of the proposed standard shall be the responsibility of the Sponsor.
- Once all required recirculations have been completed and 75% approval has been achieved, the IEEE requirements for consensus have been met. ***Efforts to resolve Do Not Approve votes may continue for a brief period; however, if such resolution is not possible in a timely manner, the Sponsor should forward the submittal to RevCom because the IEEE has an obligation to the majority to review and publish the proposed standard quickly***.
- Copies of all unresolved Do Not Approve votes, together with the reasons given by the Do Not Approve voters and the responses by the Sponsor, shall be included with the ballot results submitted to RevCom.
- The Sponsor shall, if not included in a recirculation package, provide to the Do Not Approve voter and to RevCom an explanation why any comments associated with a Do Not Approve vote were not required to be recirculated. In order for a Do Not Approve vote to be changed to an Approve or Abstain vote, the Sponsor shall obtain and provide to RevCom written confirmation from each voter (by letter, fax, or electronic mail) that indicates concurrence with any change of his or her vote. Any Do Not Approve vote with comment that RevCom is asked to consider as a Do Not Approve (Negative without comment) shall be explained to RevCom.

http://standards.ieee.org/develop/policies/opman/sb_om.pdf

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 reconsideration of the approval.

Ad Hocs

- Webpage: Ad Hoc
  - http://www.ieee802.org/3/bs/public/adhoc/index.shtml
- Ad Hocs
  - Logic, Chair – Mark Gustlin
    - No Meetings
  - SMF, Chair – Pete Anslow
    - Meetings – 10/3
    - Minutes - http://www.ieee802.org/3/bs/public/adhoc/smf/17_10_03/minutes_draft_3-October-2017_smf.pdf
  - MMF, Chair – Jonathan King
    - No Meetings
  - Electrical Interface, Chair - Andre Szczepanek
    - Meetings - 10/5
    - Minuutes - http://www.ieee802.org/3/bs/public/adhoc/elect/05Oct_17/minutes_draft_05-Oct_2017_elect.pdf

Schedule

All times and order listed are subject to change.

	Presenter	Employer / Affiliation	Title	Filename
10:00am ET	John D'Ambrosia	Futurewei, Subsidiary of Huawei	Agenda and General Information	Agenda_3bs_01_1017.pdf
	Task Force Comment Review			
	Closing Business & Motions			
	Adjourn			

Future Meetings

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

- Nov 2017 Plenary
  - Week of Nov 6
  - Orlando, FL, USA

Thank You!