# Agenda and General Information

## IEEE P802.3bu
## Power over Data Lines Task Force

Dan Dove
Dove Networking Solutions / LTC

San Antonio, TX USA, November 7, 2016

# Agenda

- Appointment of recording secretary
- Welcome and Introductions
- Approve Agenda
- Approve October 2016 Task Force Minutes
- Goals For This Meeting
- Reflector and Web
- Decorum
- Ground Rules
- Attendance/Sign-In Information
- IEEE
  - Structure, Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Liaisons and Communications
- Comment resolution & associated presentations
- Motions and Closing Business
- Future Meetings

# Goals for the meeting

- Motion to request 802.3 confirm placement of D3.3 onto the December 2016 RevCom agenda. (detailed motion to be presented)

- Determine plan for the next meeting (if necessary)

# Reflector and Web

- To subscribe to the *P802.3bu PODL* reflector, send an email to:
  **ListServ@ieee.org**

  with the following in the body of the message (do not include "<>"):
  **subscribe stds-802-3-1PPODL <yourfirstname> <yourlastname> end**

- Send IEEE P802.3bu PoDL Task Force reflector messages to:
  **stds-802-3-1PPODL@listserv.ieee.org**

- Task Force web page URL:
  **http://www.ieee802.org/3/bu/index.html**

# Task Force Private Area

- URL: http://www.ieee802.org/3/bu/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.
- If RevCom approval is deemed appropriate, drafts will no longer be available via the private website.

# Task Force Decorum



- Photography or recording by permission only (December 2014 IEEE-SA Standards Board Ops Manual 5.3.3.2)
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (December 2014 IEEE-SA Standards Board Ops Manual 5.3.3.3)
- 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
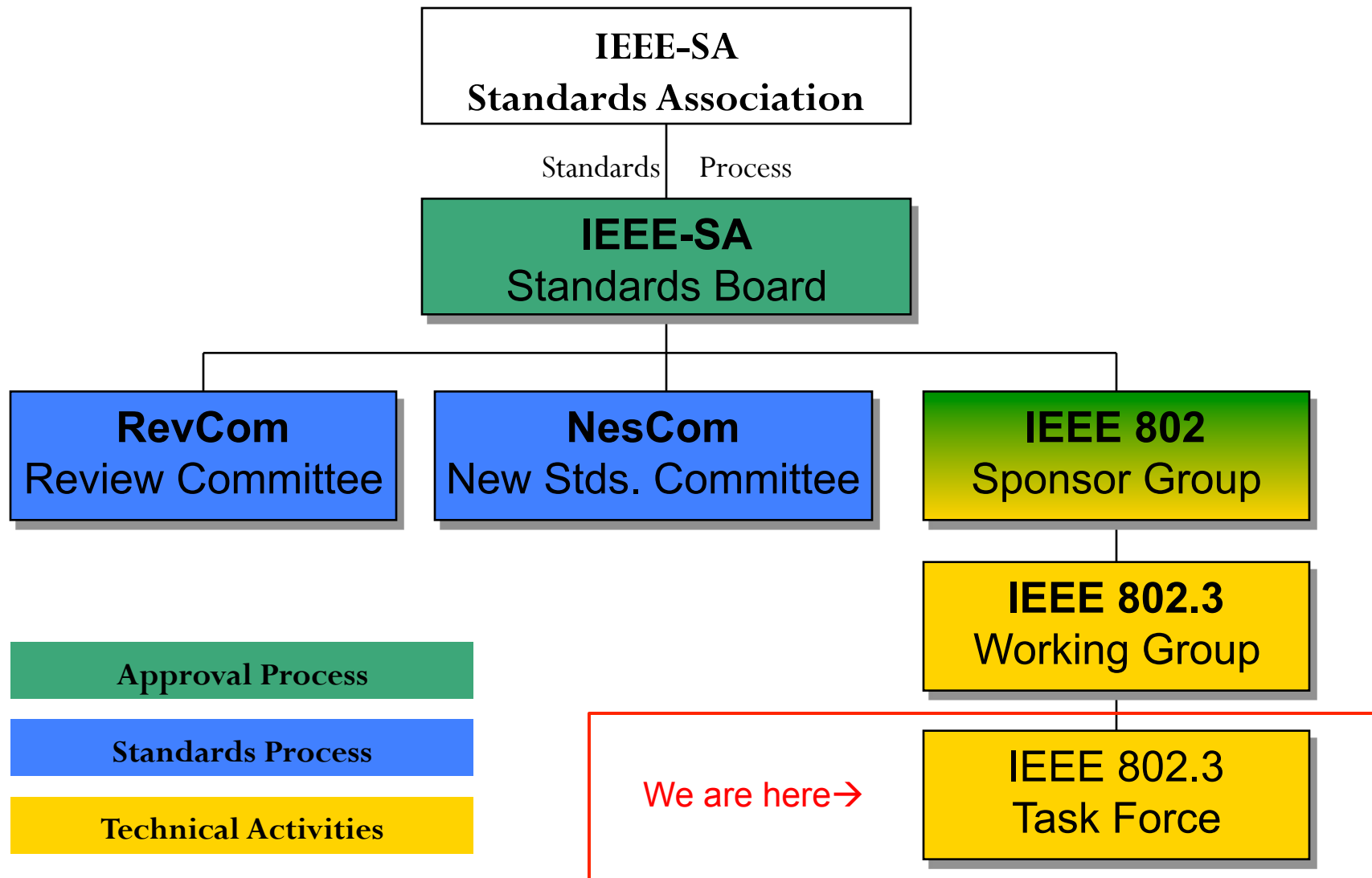- Please observe proper decorum in meetings

# 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

# Attendance

- Tutorial Material on attendance tool
  - http://ieee802.org/3/minutes/attendance_procedures.pdf


- Access details
  - URL: http://imat.ieee.org/

# IEEE Structure



```
                    ┌─────────────────────────────┐
                    │         IEEE-SA             │
                    │    Standards Association    │
                    └─────────────────────────────┘
                        Standards │ Process
                    ┌─────────────────────────────┐
                    │         IEEE-SA             │
                    │      Standards Board        │
                    └─────────────────────────────┘
```

| RevCom | NesCom | IEEE 802 |
|---|---|---|
| Review Committee | New Stds. Committee | Sponsor Group |

**IEEE 802.3**
Working Group

We are here→

**IEEE 802.3**
Task Force

| | |
|---|---|
| **Approval Process** | |
| **Standards Process** | |
| **Technical Activities** | |

# 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.**

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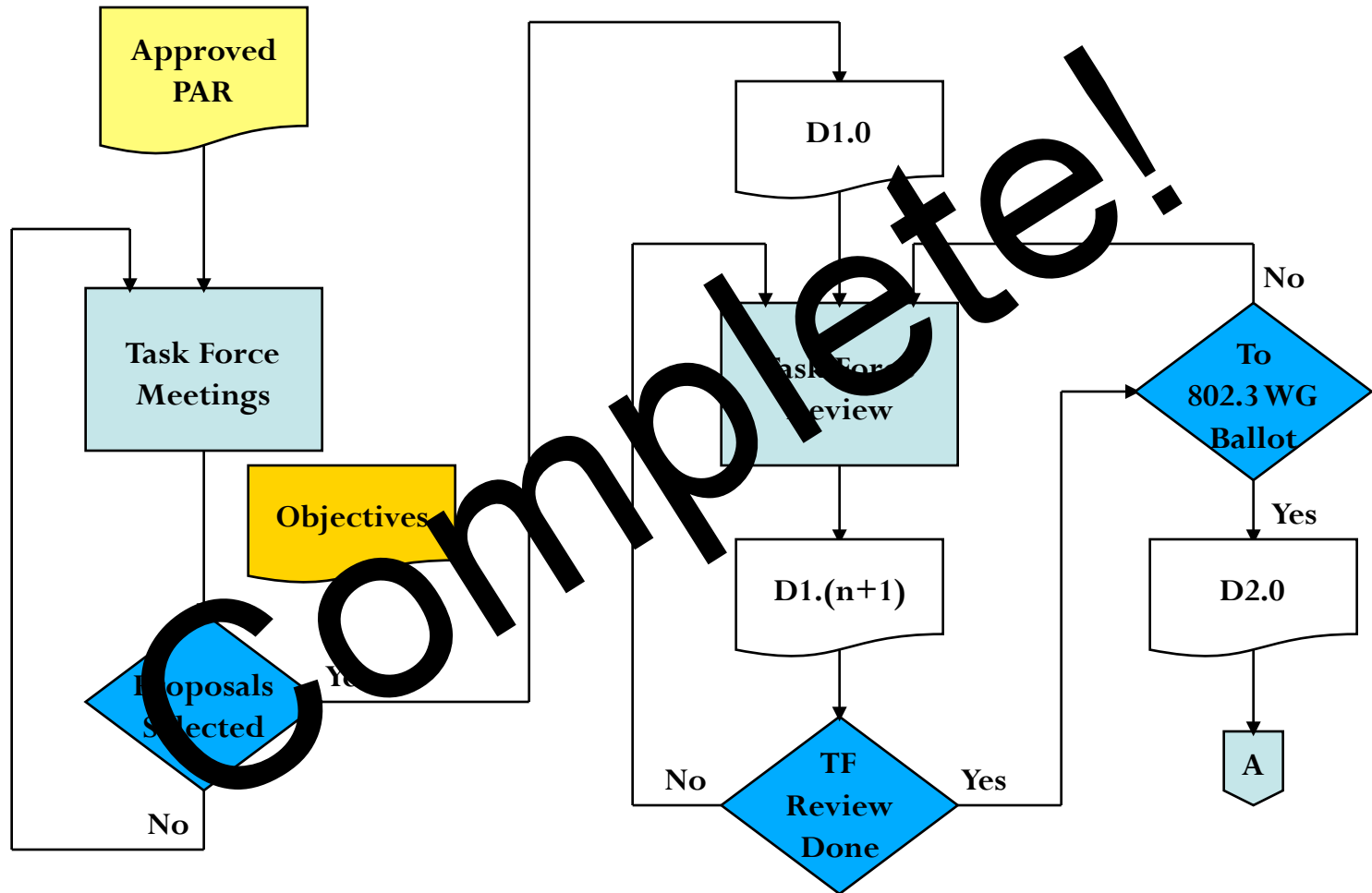
    **See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.**
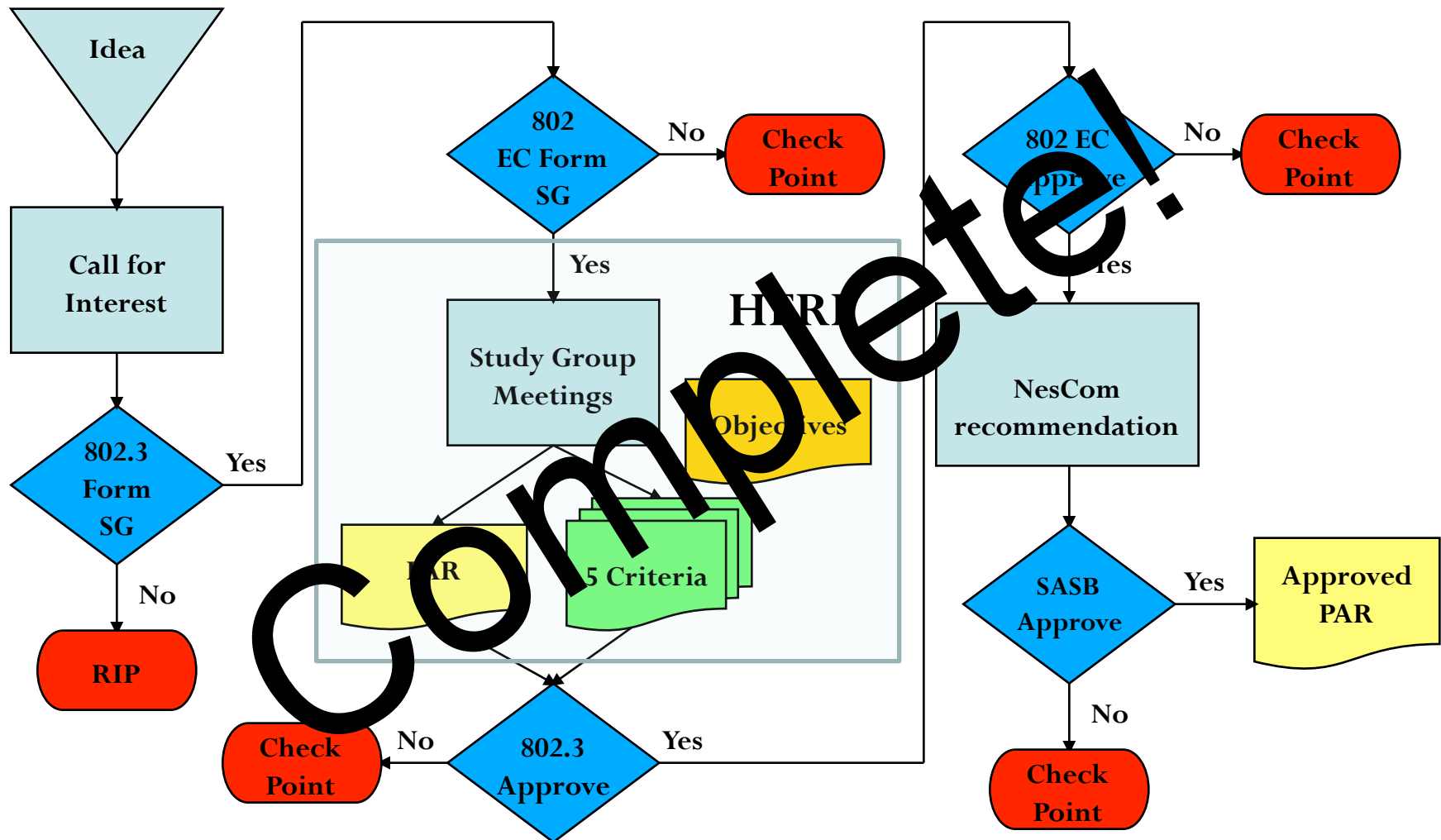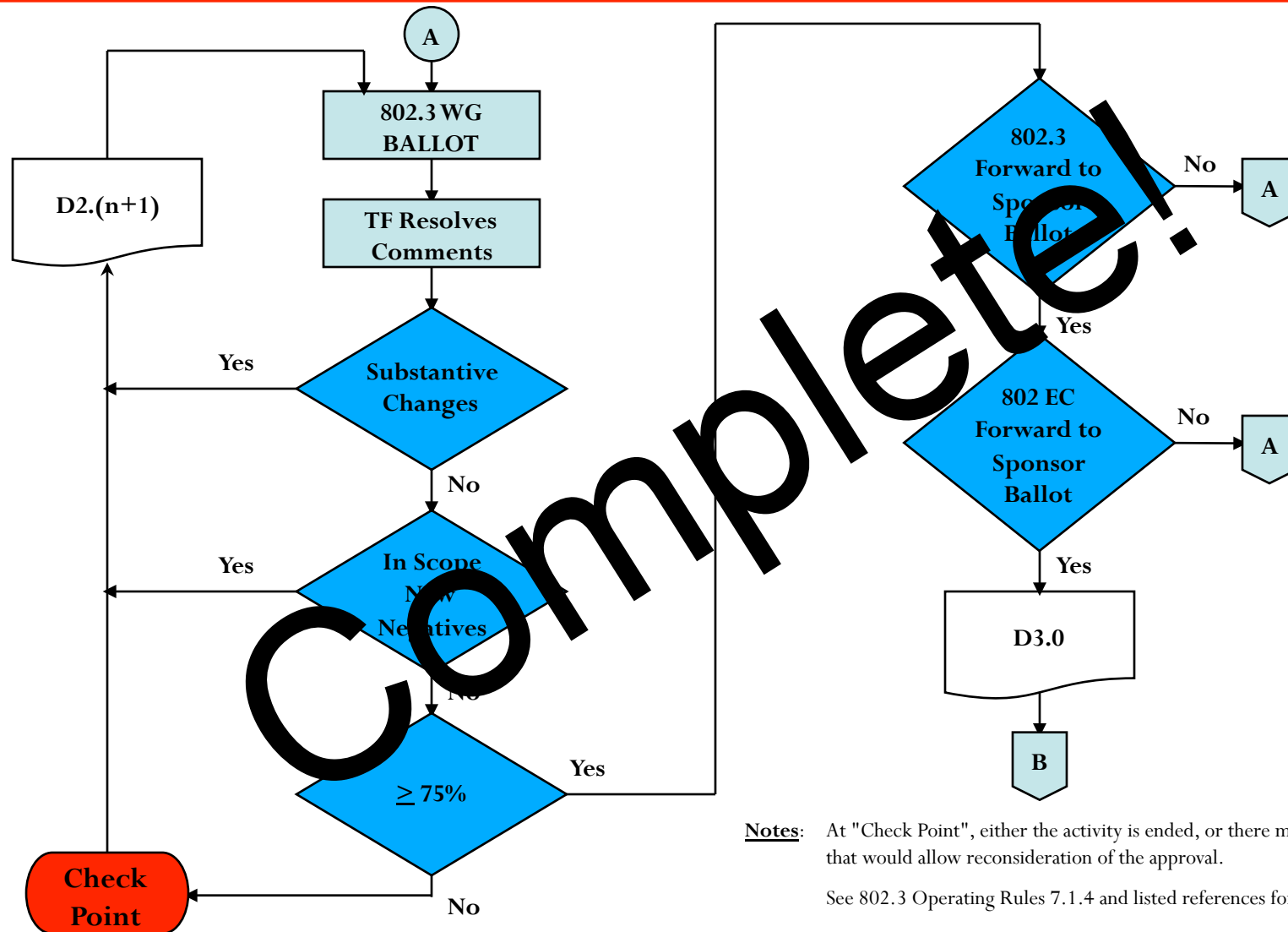
Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

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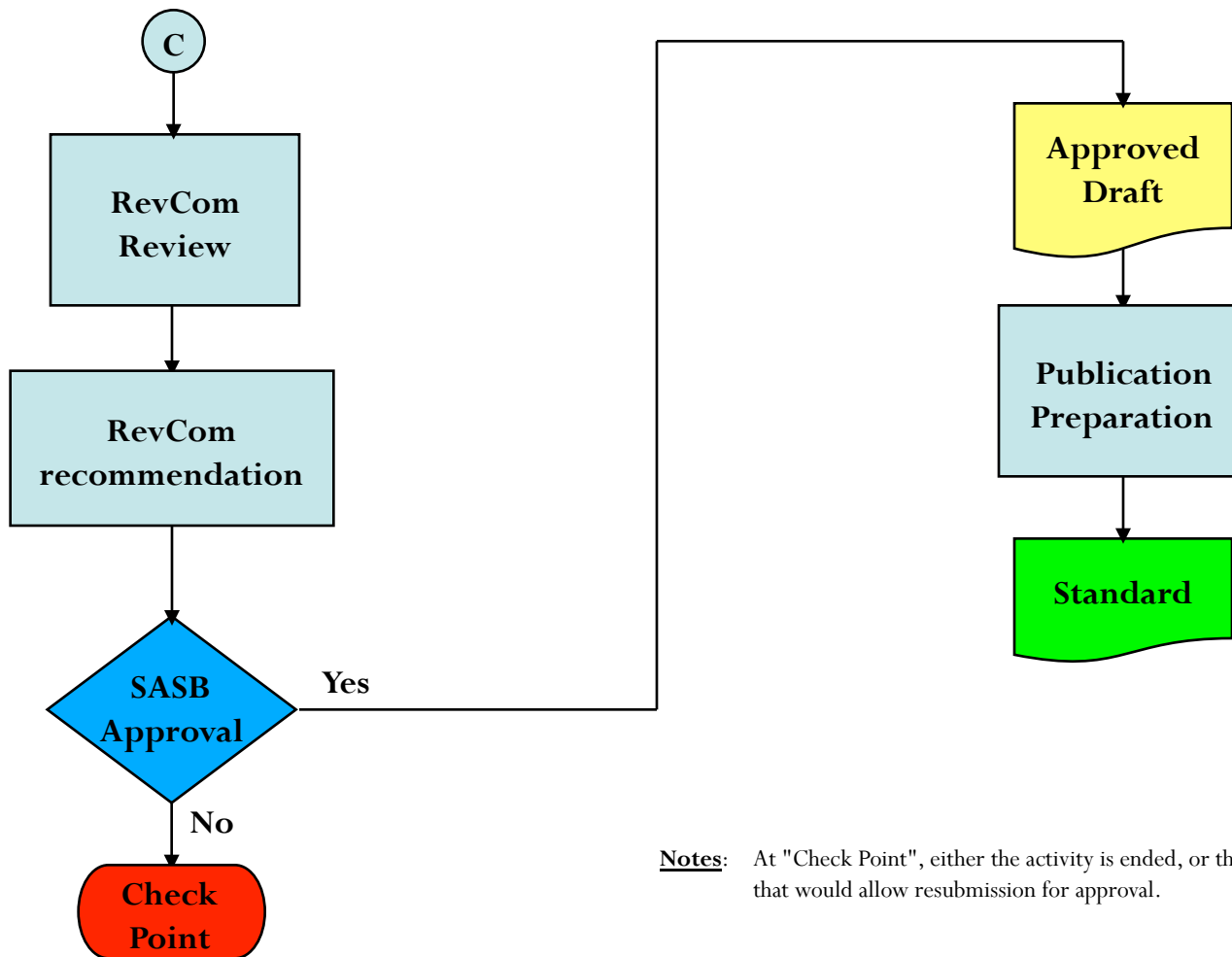
Goal of this meeting is to confirm this path
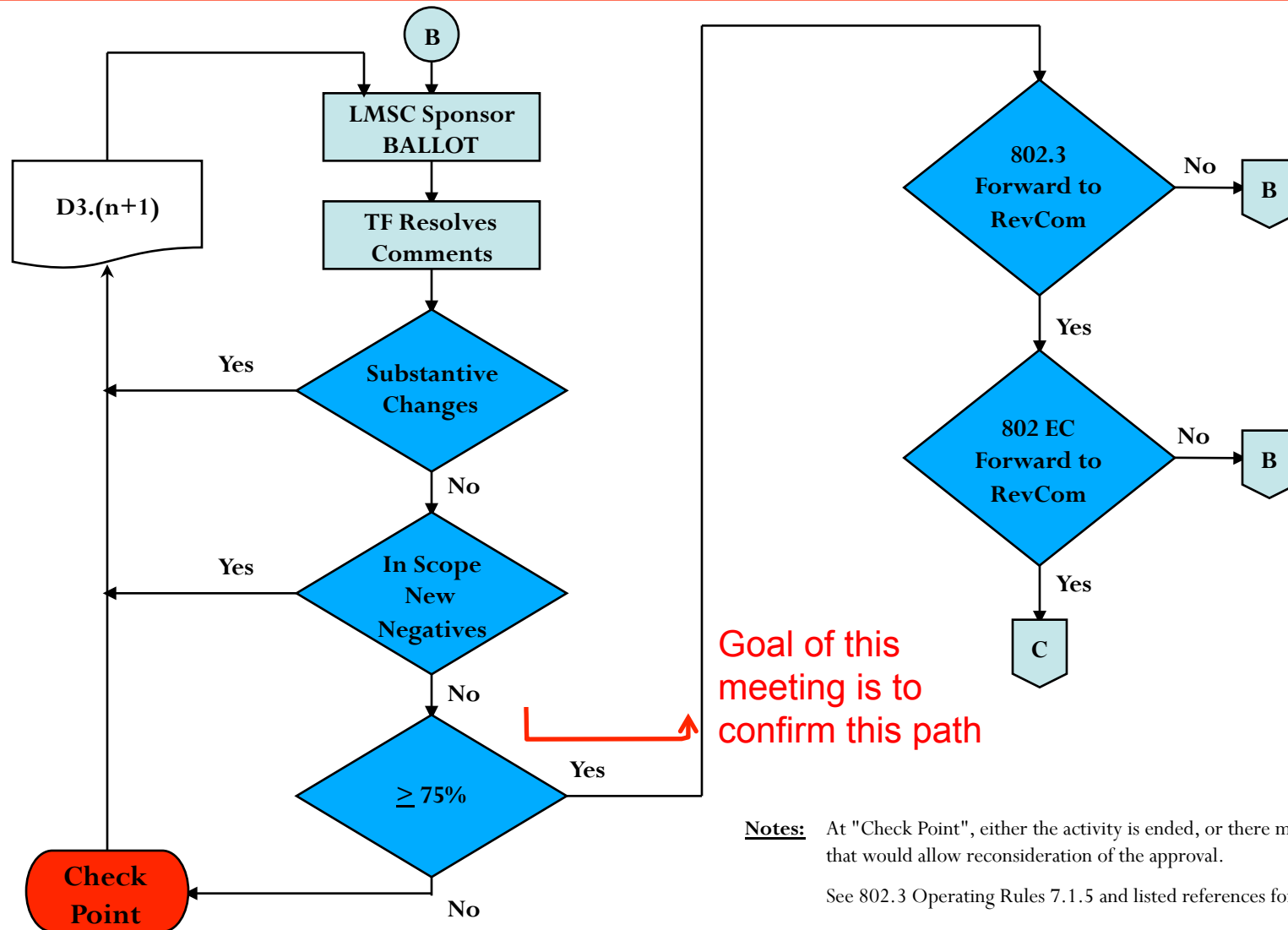
**Notes:** At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

See 802.3 Operating Rules 7.1.5 and listed references for complete description

**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.

# Liaisons and Communications

- None in process

# Action Items

- Motion to request 802.3 confirm placement of 802.3bu draft D3.3 on the December 2016 RevCom agenda. (detailed motion to be presented)

# IEEE P802.3bu PoDL Task Force Approved Project Documents

- PAR

  – http://www.ieee802.org/3/bu/P802d3bu_PAR.pdf

  – 5 Criteria

  – http://www.ieee802.org/3/bu/P802d3bu_5C.pdf

  – Objectives

  – http://www.ieee802.org/3/bu/P802d3bu_Objectives.pdf

# IEEE P802.3bu PoDL Task Force Objectives

- Specify a power distribution technique for use over a single twisted pair link segment.

- Allow for operation if data is not present.

- Support voltage and current levels for the automotive, transportation, and industrial control industries.

- Do not preclude compliance with standards used in automotive, transportation, and industrial control industries when applicable.

- Support fast-startup operation using predetermined voltage/ current configurations and optional operation with run-time voltage/current configuration.

- Ensure compatibility with IEEE P802.3bp (e.g., EMI, channel definition, noise requirements).

# IEEE P802.3bu PoDL Task Force Timeline
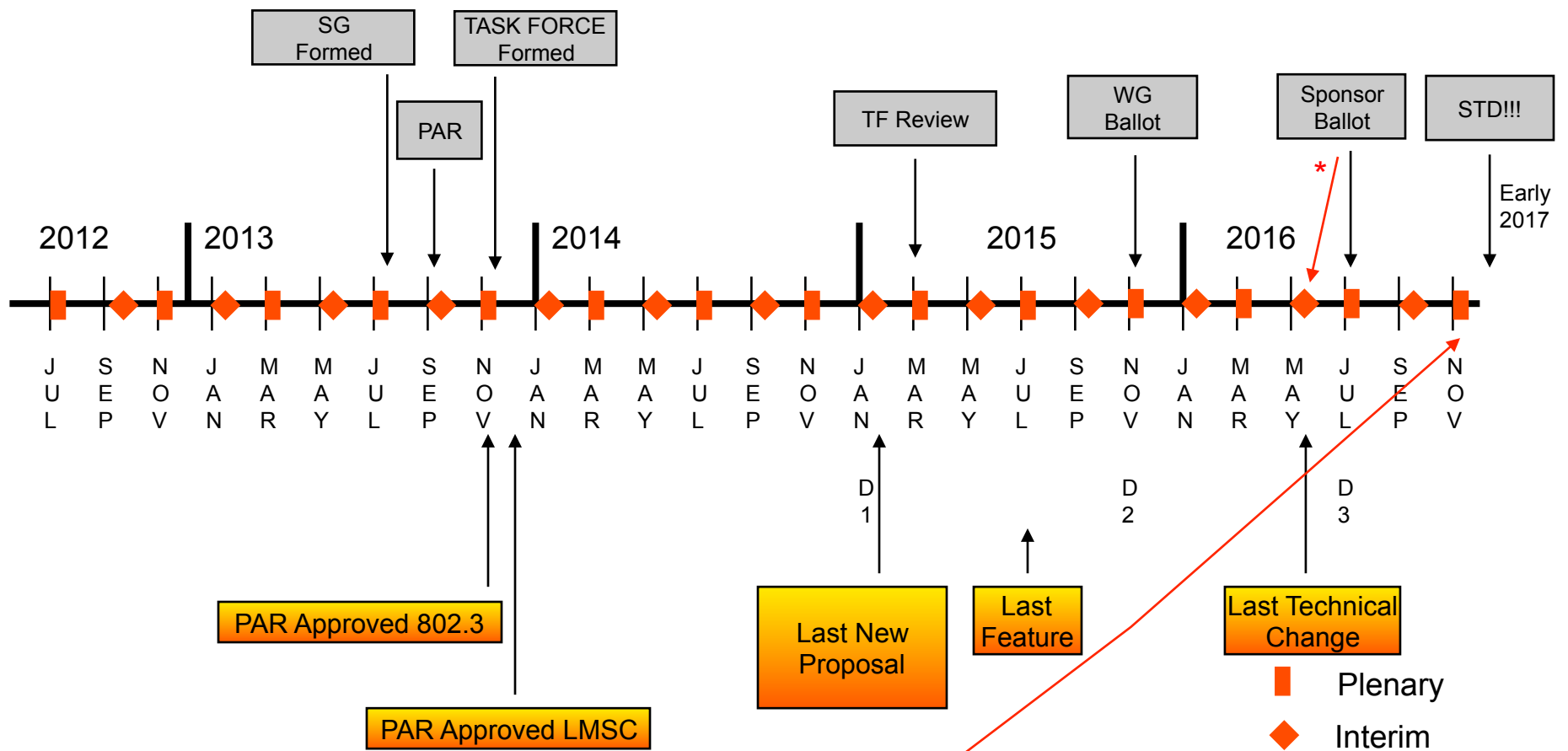


* Sponsor Ballot pulled in one meeting cycle!

Timeline adopted: 10-Sept-2014

# IEEE P802.3bu PoDL Task Force Working Group ballot results

- ## Item 1 - Date the ballot closed:
  - Our THIRD Sponsor Ballot closed on 27 October, 2016
  - Received ZERO negative votes, NO substantive changes.

- ## Item 2 - Vote tally:

Comments: 0

| | Third Recirculation Draft D3.3 | | | Req % |
|---|---|---|---|---|
| | # | % | Status | |
| Abstain | 3 | 3 | PASS | < 30 |
| Disapprove with comment | 0 | - | - | - |
| Disapprove without comment | 0 | - | - | - |
| Approve | 93 | 100 | PASS | ≥ 75 |
| Ballots returned | 96 | 92 | PASS | > 50 |
| Voters | 104 | - | - | - |

# Submissions

- No submissions

# Meeting Times & Map

IEEE P802.3bu will be meeting Monday at:

Monday             1:00pm - 5pm             Texas B, 4th Floor

Closing times subject to change as work load requires.


Schedule Information can be found at:

http://802world.org/apps/session/97/attendee/schedule

A room map can be found at:

http://802world.org/plenary/meeting-map/

# Future Meetings

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

- **IEEE P802.3 interim session**
  **All IEEE 802.3 Task Force, Study Groups and Ad Hocs will meet**
  - **Week of January 9, 2017**
  - **The Waterfront Beach Hilton**
  - **21100 Pacific Coast Highway**
  - **Huntington Beach, CA 92648**

- **IEEE P802.3 Plenary session**
  **All IEEE 802.3 Task Force, Study Groups and Ad Hocs will meet**
  - **March 13-16**
  - **Fairmont Hotel Vancouver**
  - **900 West Georgia Street**
  - **Vancouver, BC**
  - **CANADA V6C 2W6**

- Anyone interested in hosting a interim meeting contact me or the IEEE 802.3 Executive Secretary Steve Carlson.

# Thank You!