Agenda and General Information

IEEE 802.3

4-Pair Power over Ethernet

(4PPoE) Study Group

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Agenda

- *Appointment of Recording Secretary*
- Welcome and Introductions
- Approve Agenda
- Approve previous Minutes
- Goals for this meeting
- Reflector and Web
- Ground Rules
- IEEE
  - Structure, Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Liaisons and Communications
- Review of Action Items from previous Meeting
- Presentations
- Motions and Closing Business
- Future Meetings

Study Group Decorum

- Photography or recording by permission only (2010 SASB Op Manual 5.3.3.4)
- Cell phone ringers off
- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (5.3.3.5)
- 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

Goals for the meeting

- Report from ad hocs
- Review the PAR and 5C generated from last meeting
- Presentations
- Finalize the Objectives
- Set goals for the next meeting
- Build consensus

Reflector and Web

- To subscribe to the 4PPoE reflector, send an email to:

    ListServ@ieee.org

    with the following in the body of the message (do not include "<>"):

    subscribe **stds-802-3-4PPOE** *<yourfirstname> <yourlastname>*

    end

- Send 4PPoE reflector messages to:

    stds-802-3-4PPOE@listserv.ieee.org

- Study Group web page URL:

    http://www.ieee802.org/3/4PPOE/
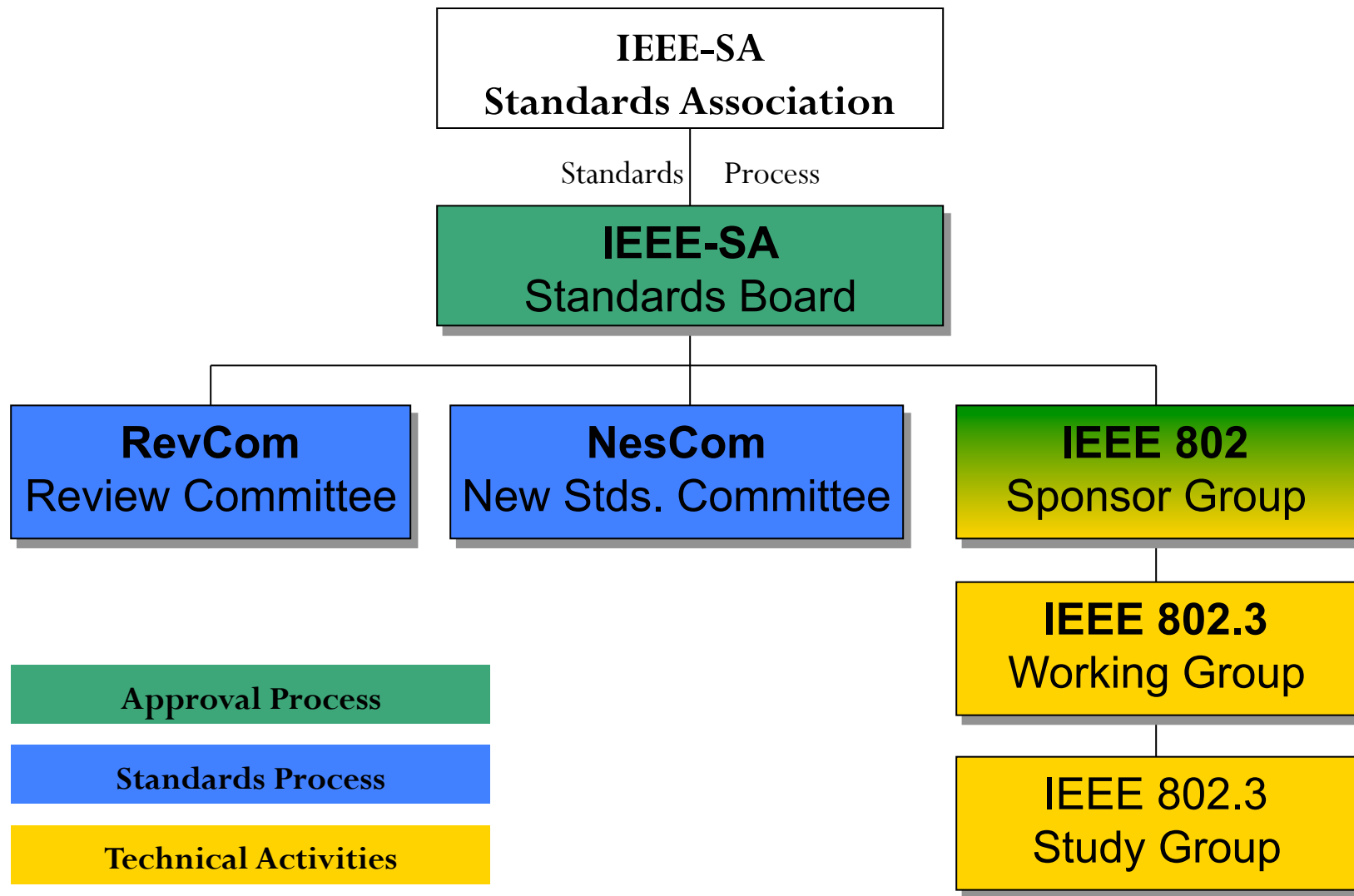
Ground Rules

- 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

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
Study Group

Approval Process

Standards Process

Technical Activities

Important Bylaws and Rules

- **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://www.ieee802.org/PNP/2010-07/IEEE_802_LMSC_OM_approved_100716.pdf

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Working Group (WG) Policies and Procedures**
  http://www.ieee802.org/PNP/2010-07/IEEE_802_LMSC_WG_PandP_approved_100716.pdf

- **IEEE 802.3 Working Group Operating Rules**
  http://ieee802.org/3/rules/P802_3_rules.pdf
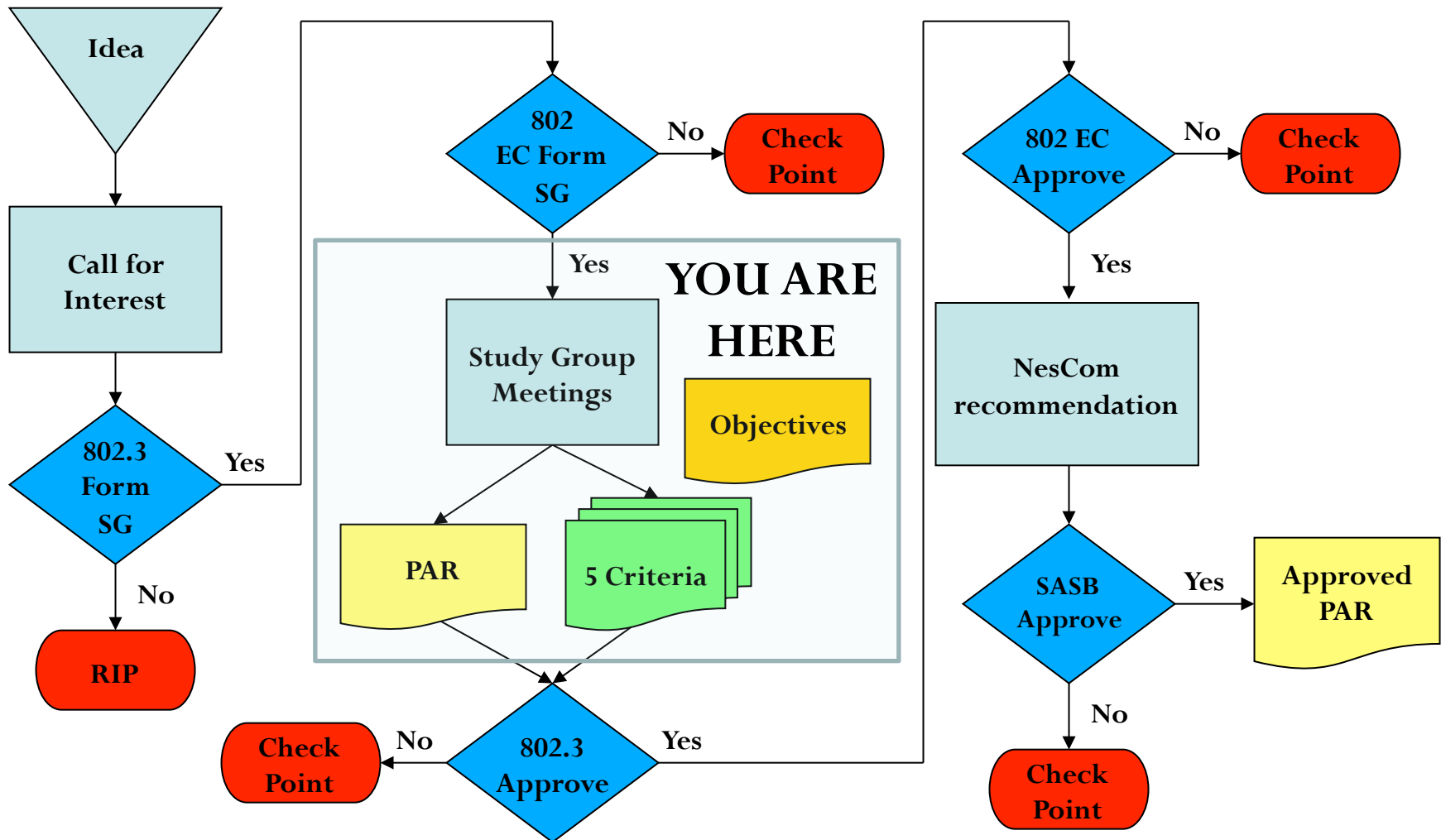
Guidelines for IEEE-SA Meetings

- **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.**

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

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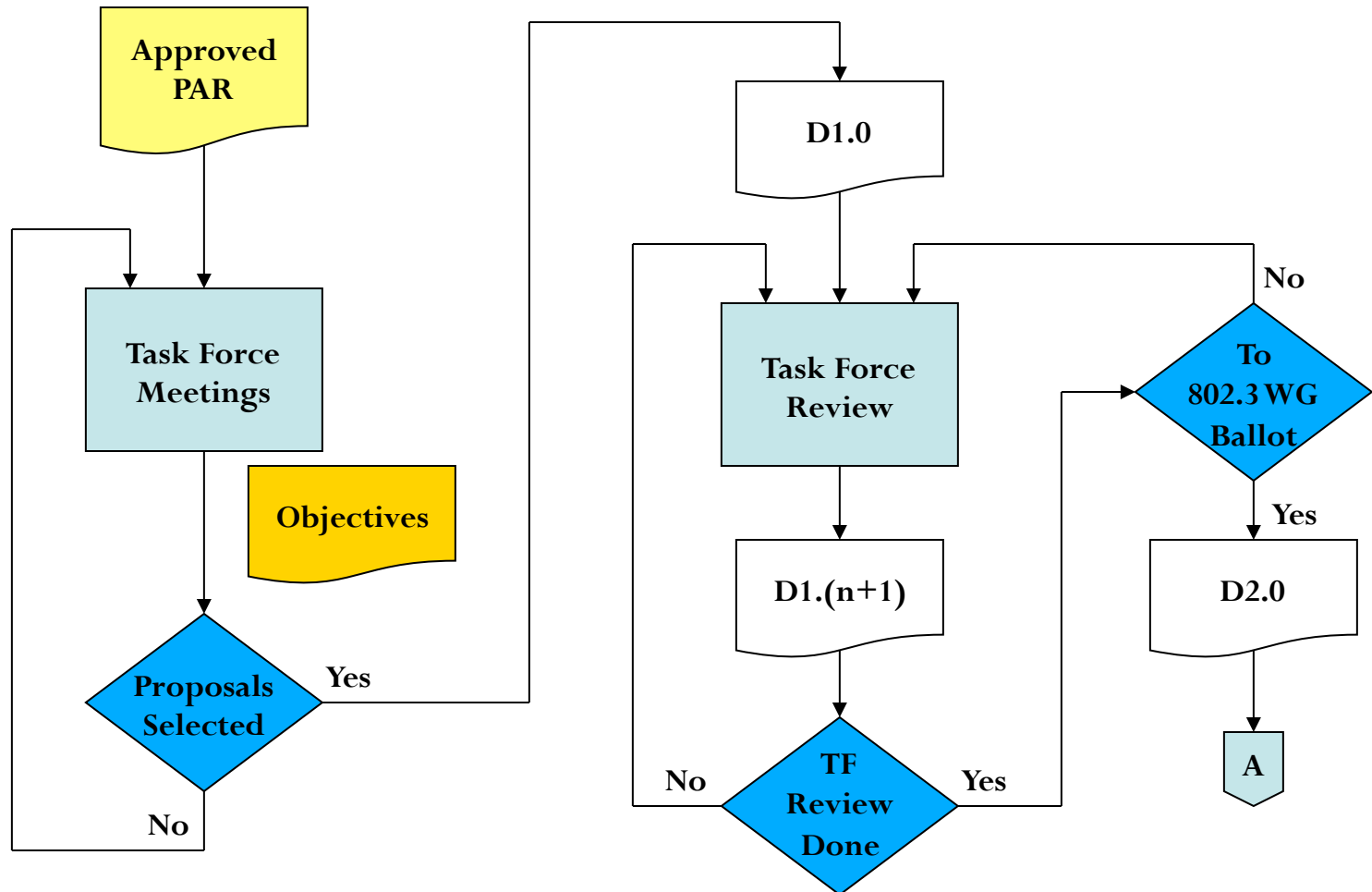
This slide set is available at https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.ppt

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

Idea → Call for Interest → **802.3 Form SG**
- Yes → 802 EC Form SG
- No → RIP

802 EC Form SG
- No → Check Point
- Yes → **YOU ARE HERE**

Study Group Meetings → PAR, 5 Criteria, Objectives → **802.3 Approve**
- No → Check Point
- Yes → 802 EC Approve

802 EC Approve
- No → Check Point
- Yes → NesCom recommendation → **SASB Approve**
  - Yes → Approved PAR
  - No → Check Point

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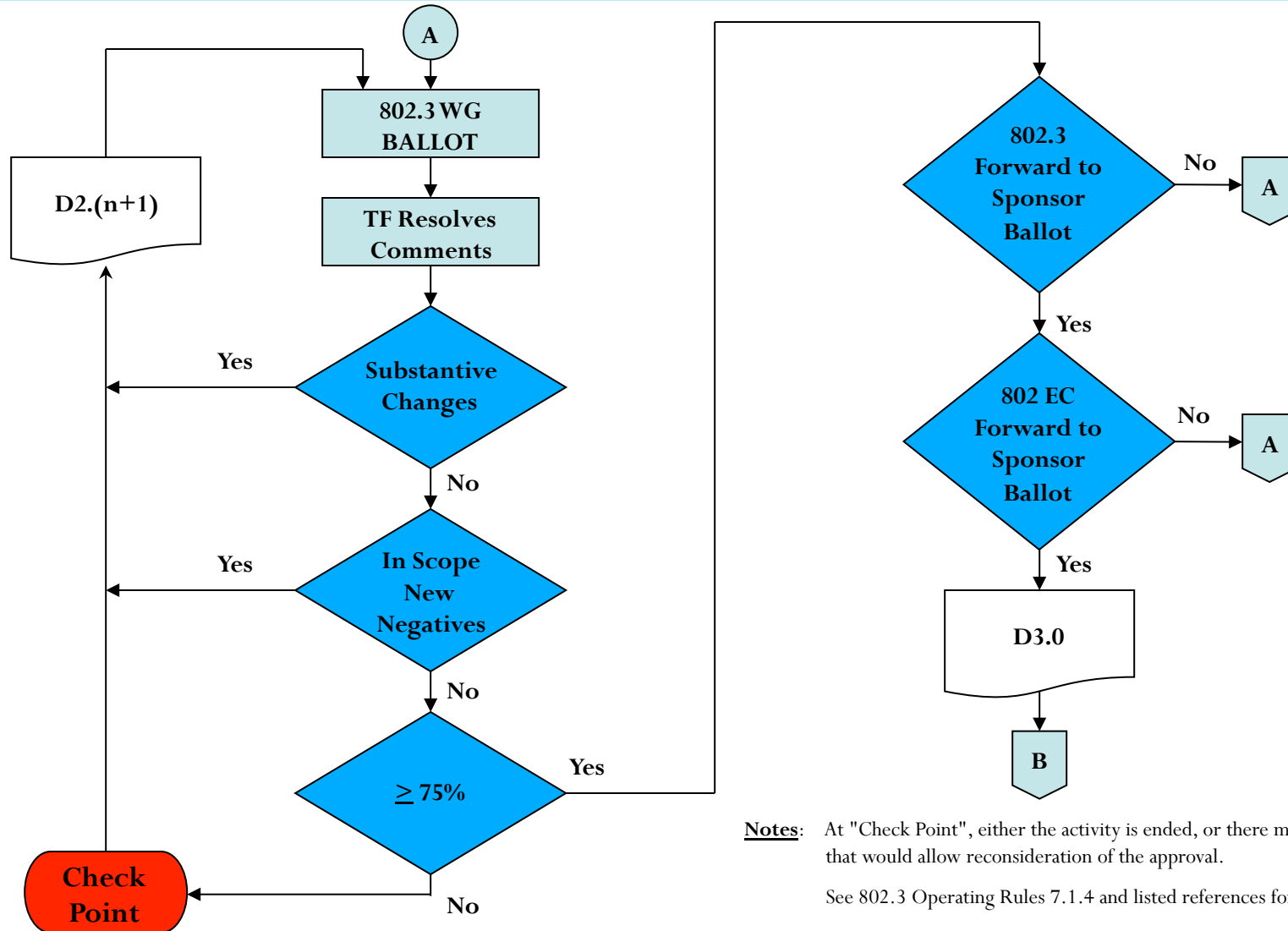
Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

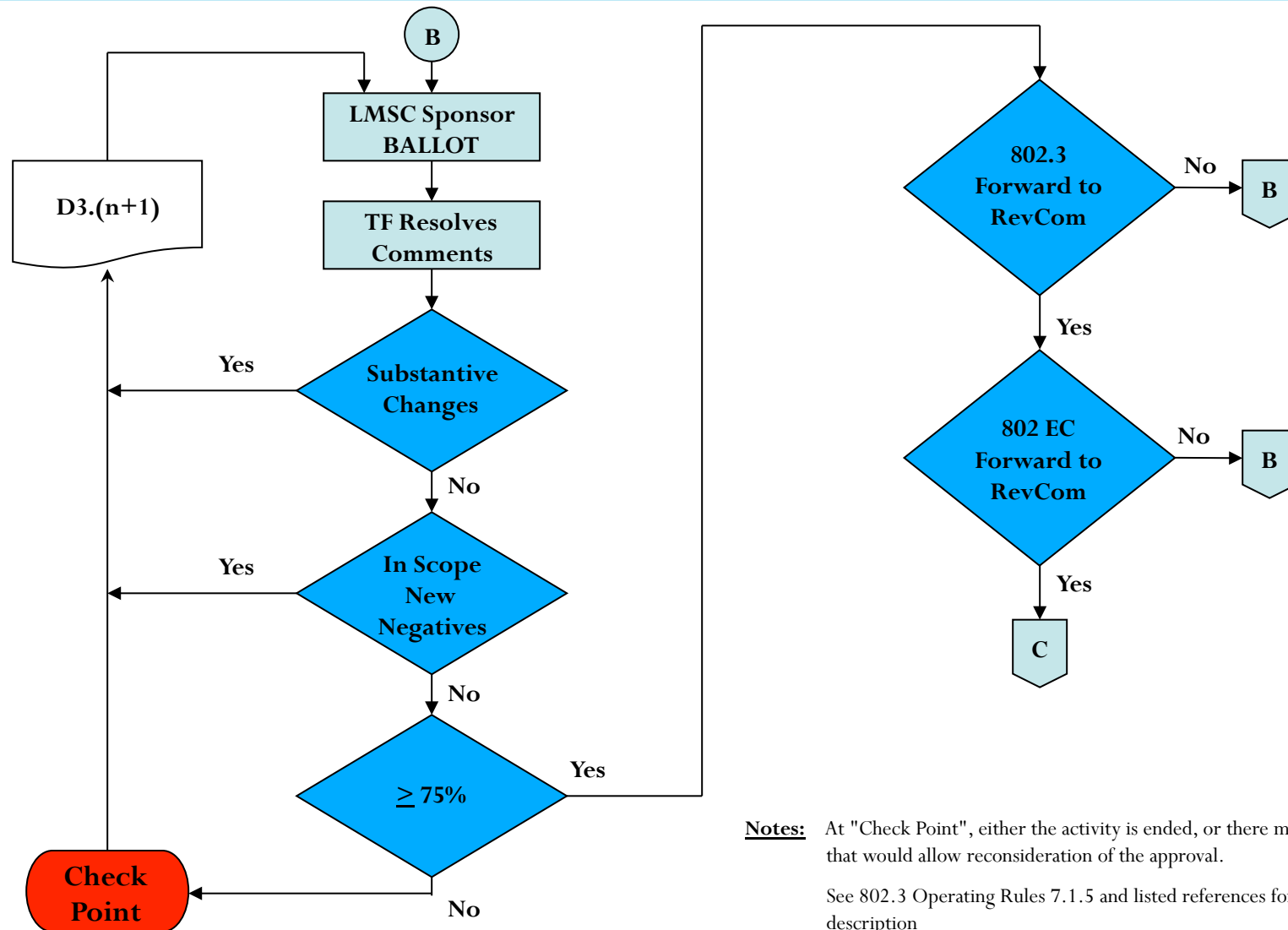See 802.3 Operating Rules 7.1.4 and listed references for complete description

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.

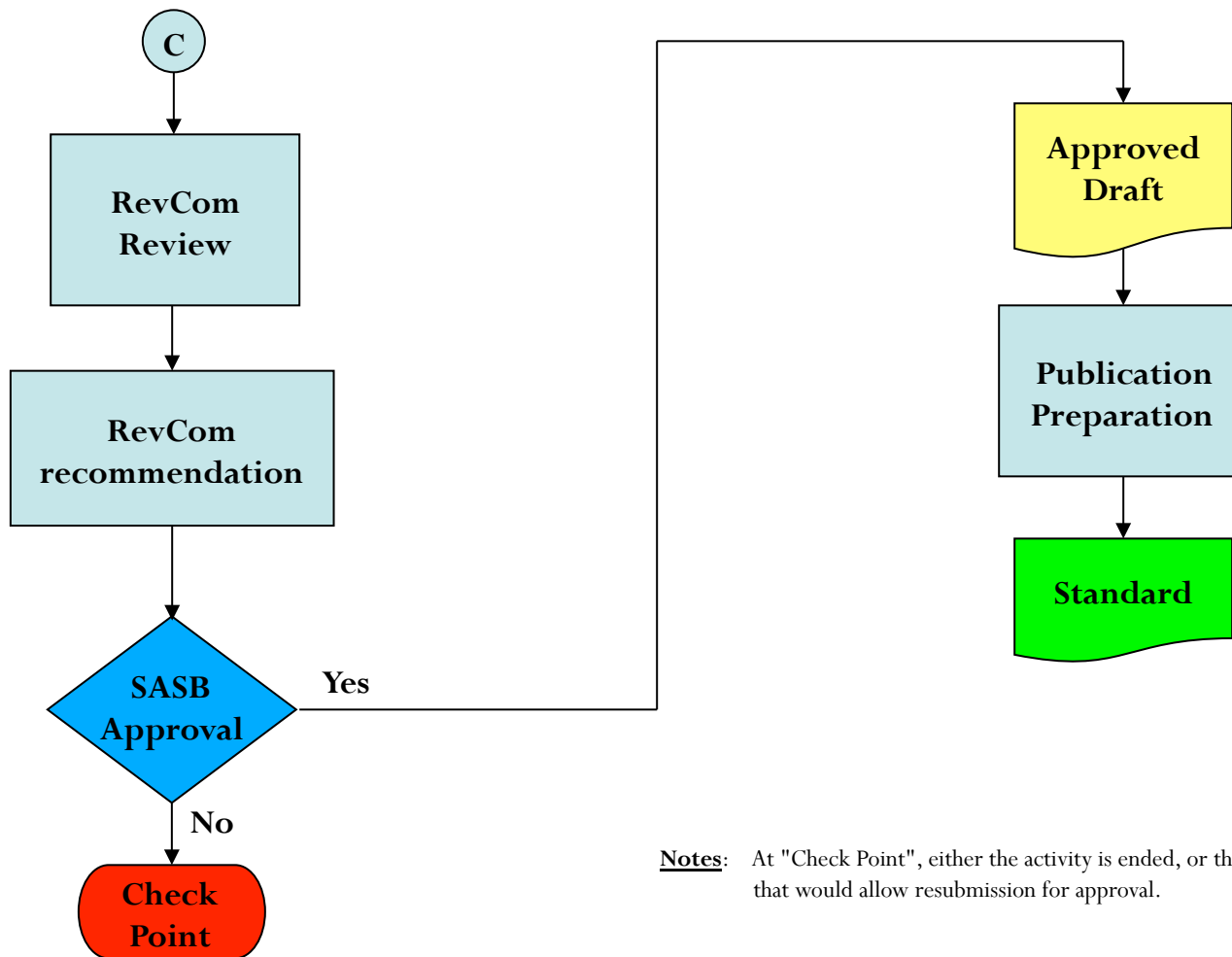See 802.3 Operating Rules 7.1.5 and listed references for complete description

Overview of IEEE 802.3 Standards Process (5/5) – Final Approvals / Standard Release

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

The Study Group

- Normal function is to draft a complete PAR and Five Criteria
- Provide a plenary week tutorial to the LMSC
- Gain approval at the IEEE 802.3 WG, IEEE 802 EC, IEEE-SA NesCom and IEEE-SA Standards Board.
- SG only exists for 6 months
  - Extensions can be requested
  - Voted on by IEEE 802.3
  - Ratified by IEEE 802 EC
- Development of Objectives helps set the goals for the Task Force
- Consensus required to move forward

- Not a goal – choosing a solution.

Action Items

- Plenary Tutorial

Attendance

- Tutorial Material on attendance tool
  - http://www.ieee802.org/3/minutes/jul13/0713_imat.pdf

- URL (Valid for this meeting only)
  - URL: http://newton.event.ieee.org

  - Password: none, need to be on local network, not VPN

Presentations

Agenda and General Information	Chad Jones	Cisco
Compatibility Matrix Ad-Hoc	Yair Darshan	Microsemi
4Pair PoE Current unbalance	Christian Beia	ST Micro
Power Over 10GBASE-T Ethernet	Paul Langner, George Zimmerman	Aquantia
Proposed New .bt objectives	Jeff Heath	Linear Tech
Analysis of usable PD input power in 4P system	Yair Darshan	Microsemi

Note –Times listed are subject to change.

Future Meetings

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

- September 2013 Interim
  - York, UK
  - Sept 5, 6 [NOTE: Thurs, Fri]
- November 2013 Plenary
  - Dallas, TX
  - Nov 10-15
- January 2014 Interim
  - Indian Wells, CA
  - Week of January 20

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

Thank You!