

Power over Ethernet Plus 802.3 Study Group Agenda and General Information

Mike McCormack, PoEP Chair
Texas Instruments

July 18 – 21, 2005

IEEE 802.3 PoEP SG
San Francisco Plenary

Agenda

- Appoint Recording Secretary
- Discussion of the order of the meeting
- Introductions
- Background stuff
- Approve Minutes of March meeting
- Presentations
- Review of Objective, 5 Criteria and develop PAR
- Motions

Ground Rules

- **Mutual Respect**
- All may speak
- All may vote
- No product pitches
- No corporate pitches
- No restrictions on presentations or materials
- No prices
no cost in any currency, complexity is OK
- 802.3 rules apply

IEEE-SA Standards Board Bylaws on Patents in Standards

6. Patents

IEEE standards may include the known use of essential patents and patent applications provided the IEEE receives assurance from the patent holder or applicant with respect to patents whose infringement is, or in the case of patent applications, potential future infringement the applicant asserts will be, unavoidable in a compliant implementation of either mandatory or optional portions of the standard [essential patents]. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be a letter that is in the form of either:

- a) A general disclaimer to the effect that the patentee will not enforce any of its present or future patent(s) whose use would be required to implement either mandatory or optional portions of the proposed IEEE standard against any person or entity complying with the standard; or
- b) A statement that a license for such implementation will be made available without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination.

This assurance shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal and is irrevocable during that period.

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Slide #1

Approved by IEEE-SA Standards Board – March 2003 (Revised December 2004)

Inappropriate Topics for IEEE WG Meetings

- Don't discuss licensing terms or conditions
- Don't discuss product pricing, territorial restrictions, or market share
- Don't discuss ongoing litigation 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/board/pat/index.html>

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>

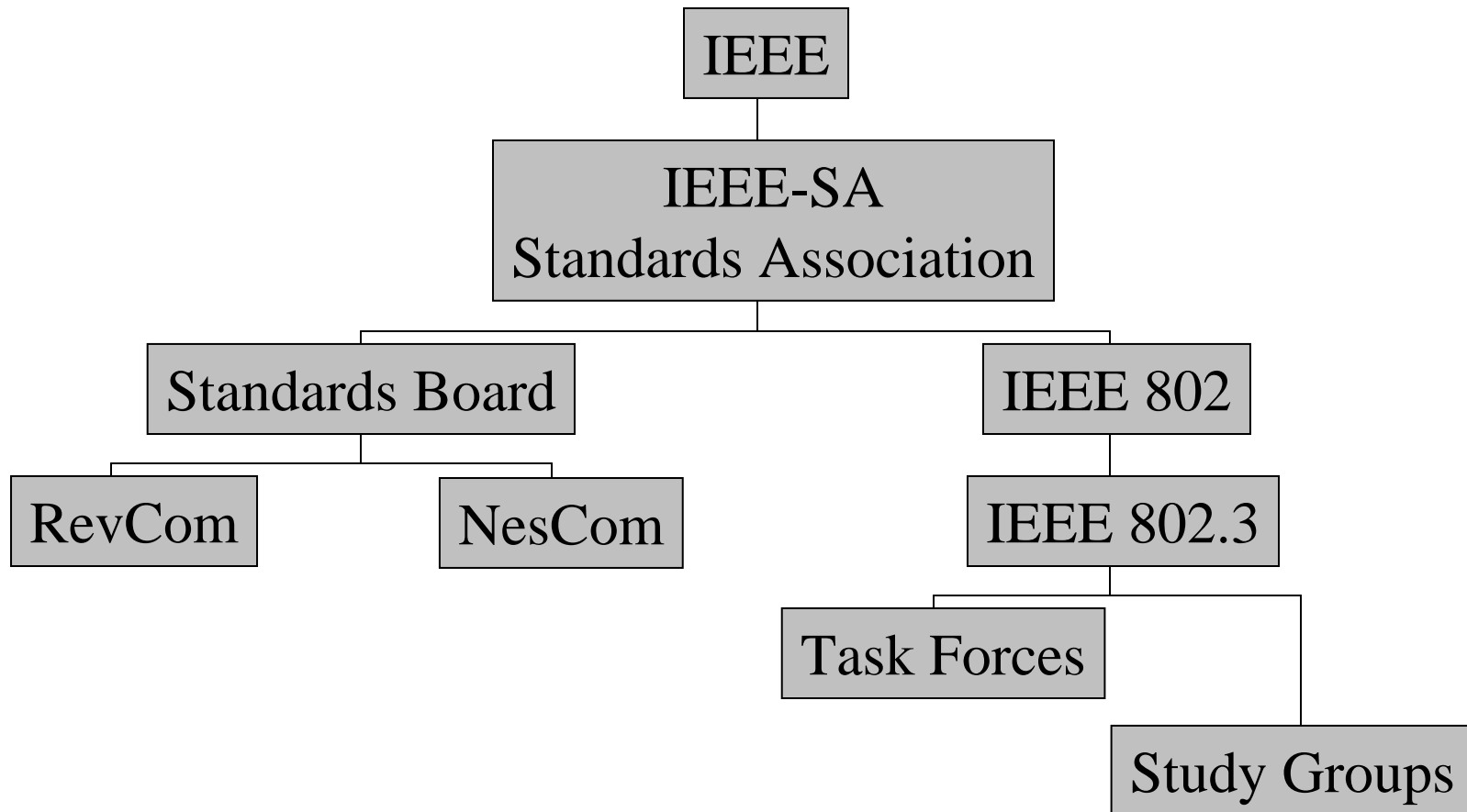
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Slide #2 Approved by IEEE-SA Standards Board – March 2003 (Revised December 2004)

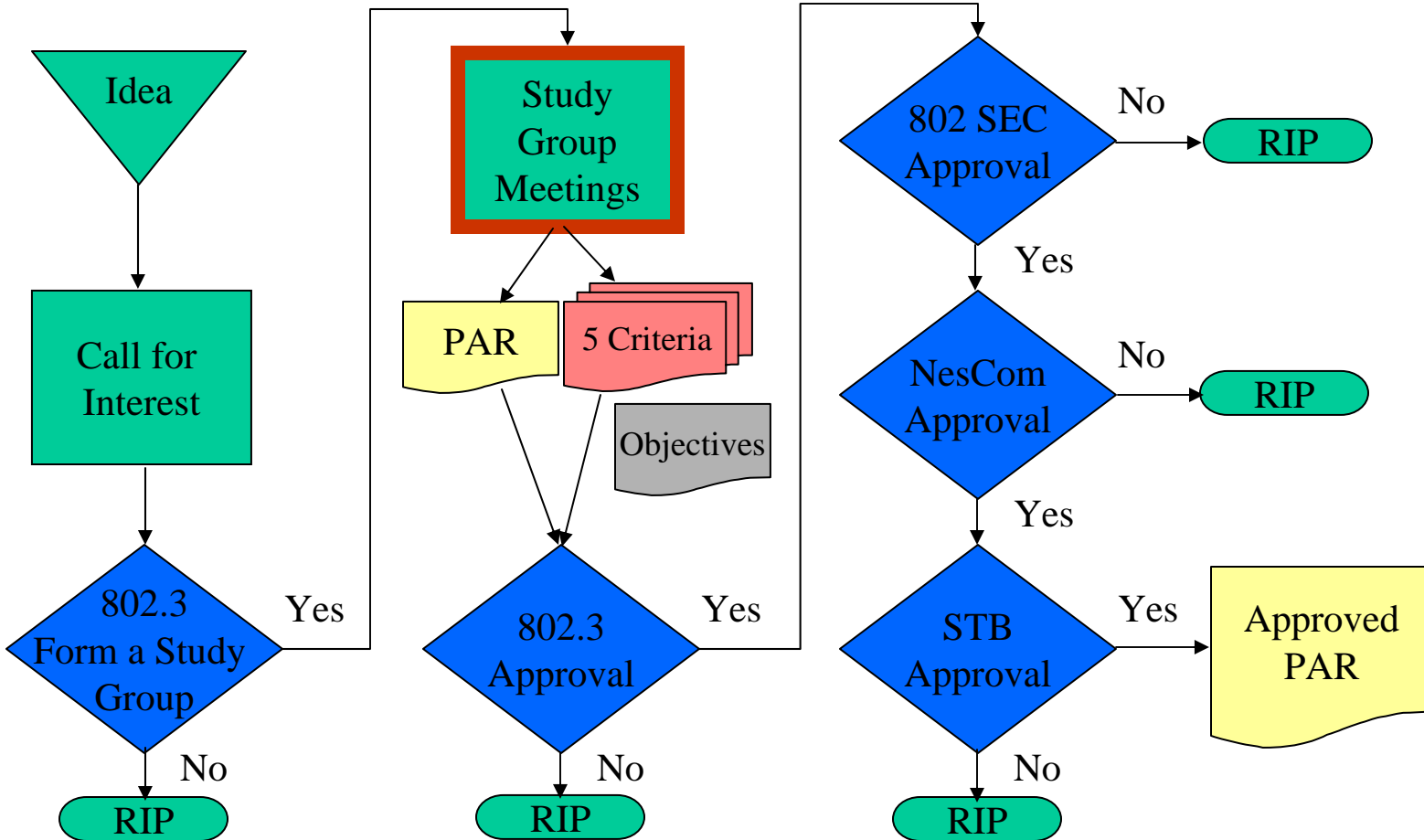
IEEE Structure



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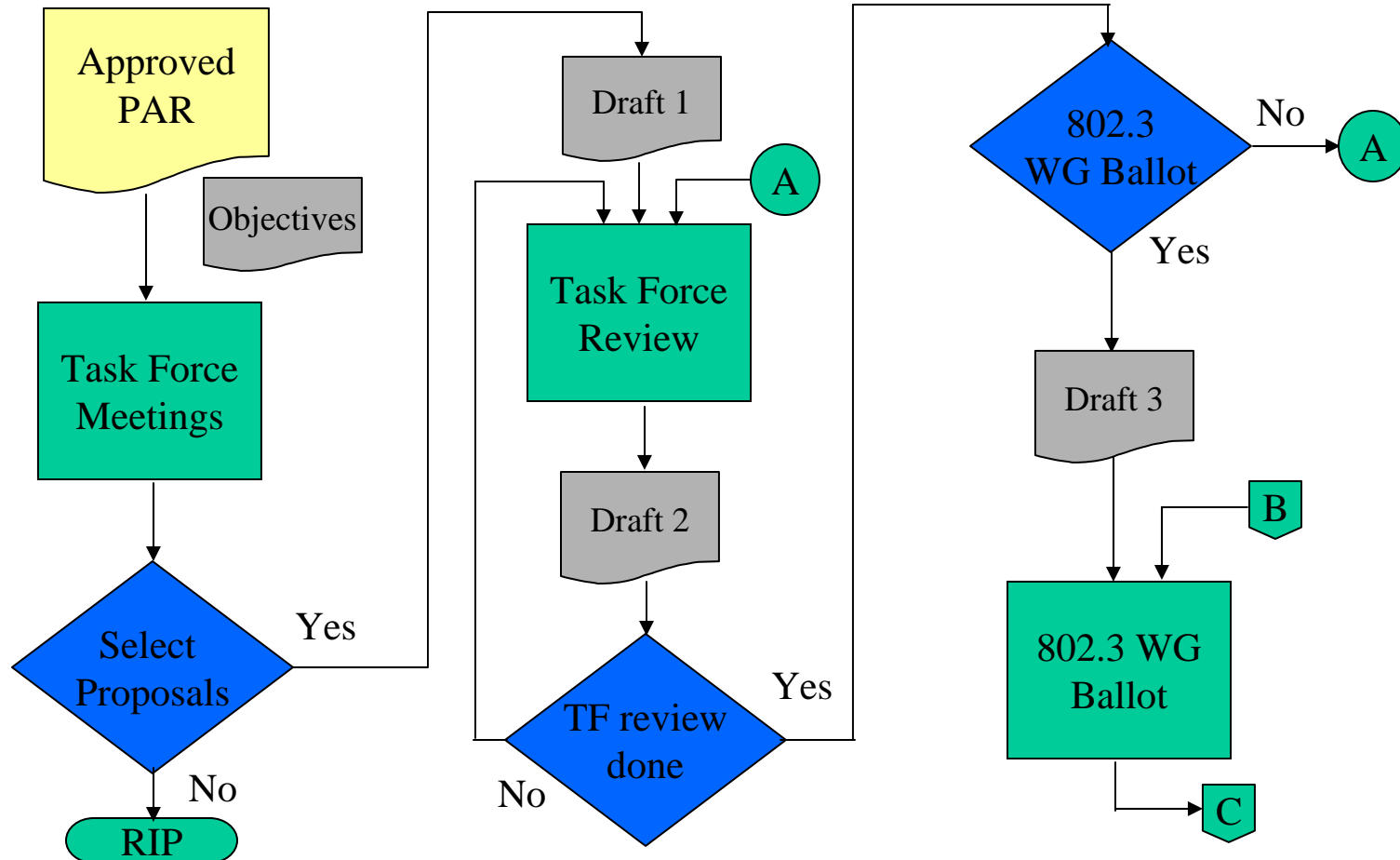
IEEE Standards Process



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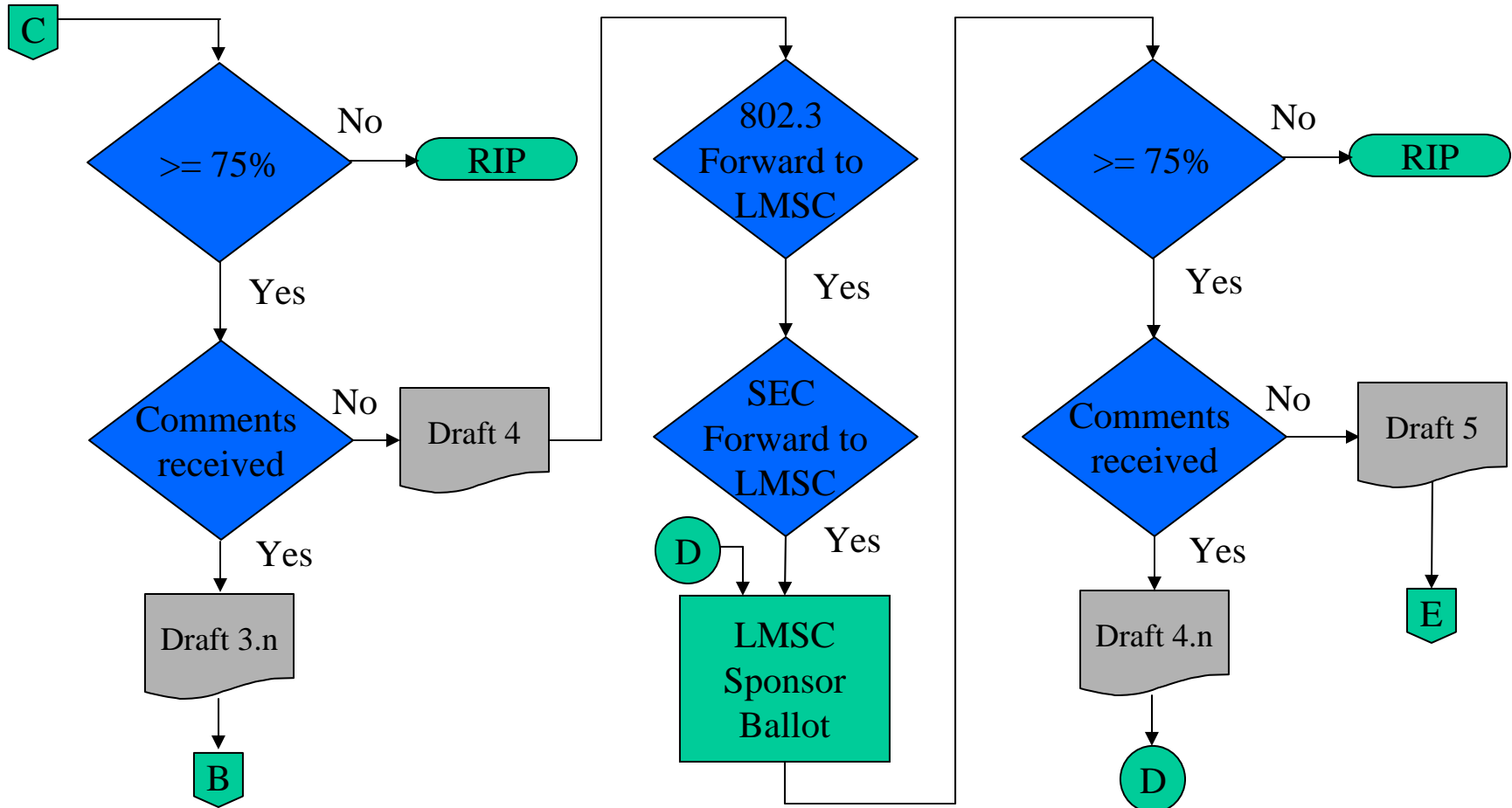
IEEE Standards Process



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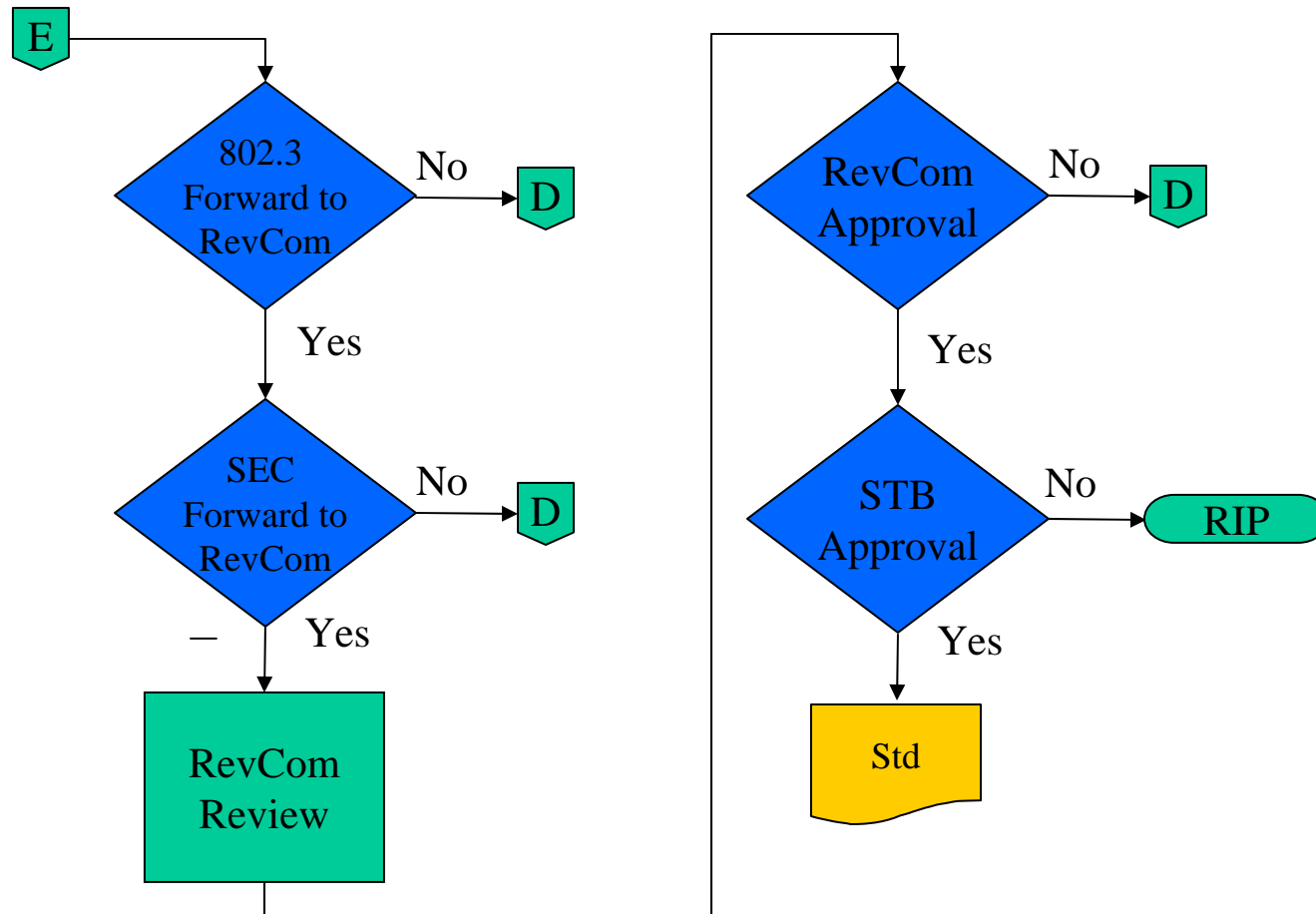
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Rules

- Bylaws of the IEEE Standards Association:
<http://standards.ieee.org/sa/>
- Bylaws of the IEEE Standards Association:
<http://standards.ieee.org/board/index.html>
- IEEE 802 operating rules
<http://www.ieee802.org/>
- IEEE 802.3 operating rules
<http://www.ieee802.org/3/>
- Roberts rules of order

Rules (Condensed)

- Behave

Electronic Information

- Web address

http://www.ieee802.org/3/poep_study/index.html

- E-mail reflector

http://www.ieee802.org/3/poep_study/reflector.html

- Next meeting – watch:

<http://www.ieee802.org/meeting/index.html>

Presentations

- 4P HP vs 2P HP what is the best system decision- Yair Darshan
- 802.3 PoEPlus Classification - Derek Koonce
- Acheiving Maximum Power for PoE Plus - Steve Robbins
- An Extended Classification Protocol for PoE Plus - Steve Robbins
- Bias Current Capability versus Differential Performance in a LAN Transformer- Hank Hinrichs
- Class Resolution Requirement Analysis - Yair Darshan
- Classification Resolution Analysis- Yair Darshan
- DTE Power via MDI and related isolation requirements - David Law
- PoE+ Cost Effective Detection and Classification - Matt Landry
- Proposal for Update of Clause 33.4.1 - Martin Patoka
- Revision of IEEE802.3af Isolation requirements - Arkadiy Peker , Yair Darshan

PAR, 5 Criteria, Objectives

- All presubmitted for approval:
http://www.ieee802.org/3/poep_study/index.html
- PAR goes to Nescom for approval
- 5 Criteria goes to IEEE 802 for approval
- Objectives stay with IEEE 802.3 WG (here)