
Residential Ethernet Study Group

July 19-20, 2005
San Francisco, CA, USA

Agenda

- Administrative & organizational
 - Recording secretary, patent policy, procedures, intros
 - Results of organizational discussions with 802.1 and 802.3 chairs
- Technical
 - Summary of IEEE 1588 (John Eidson, 1 1/2 hours) (actual 9-10:20)
 - Summary of Potential Choices for Synchronization Transport in Residential Ethernet (Geoffrey M. Garner, Samsung - 1/2 hour) (actual 10:45-11:40)
 - Timer synchronization (David V. James, JGG - 1/2 hour) (actual 11:45-12:30)
 - Guaranteeing Deterministic End-to-End Delay (Seong-Soon Joo, ETRI, Jin Seek Choi, Hanyang Univ. - 1/4 hour)(actual 13:40-14:15)

Agenda (day 1, #2)

- Technical - continued
 - An Isochronous Reservation Scheme for Bandwidth Guaranteed MAC in Residential Ethernet (Jin Seek Choi, Hanyang Univ., Seong-Soon Joo, ETRI - 1/4 hour) (actual 14:15-14:45)
 - GARP-based Reservation Protocol (Felix Feng, Samsung - 1/2 hour) (actual 15:00-15:50)
 - Delay variation simulation results for transport of time-sensitive traffic over conventional Ethernet (Geoffrey M. Garner & Felix Feng, Samsung - 1/2 hour) (actual 15:50-17:10)

Agenda (day 2)

- Technical
 - Pacing (David V. James, JGG - 1/2 hour) (estimate 12:30-13:42)
 - Next steps of performance simulation (Eric Hyunsurk Ryu, Samsung - 1/4 hour) (estimate 13:00-13:30)
 - Streams' addressing schemes in Residential Ethernets (Dirceu Cavendish, NEC - 1/3 hour) (estimate 13:30-14:30)
- Organizational
 - Objective Review (all, led by Michael Johas Teener - 1 hour) (estimate 14:30-15:00)
 - Planning for September Interim and November Plenary – all (estimate 15:00-15:30)

Goals for this meeting

- Review status
- Technical presentations
- Review objectives
- Plan work for September Interim and November Plenary

Reflector and Web

To subscribe to the Residential Ethernet Study Group send an email containing the following text in the body of the message to:

`subscribe stds-802-3-re <yourfirstname> <yourlastname>`

to

ListServ@ieee.org

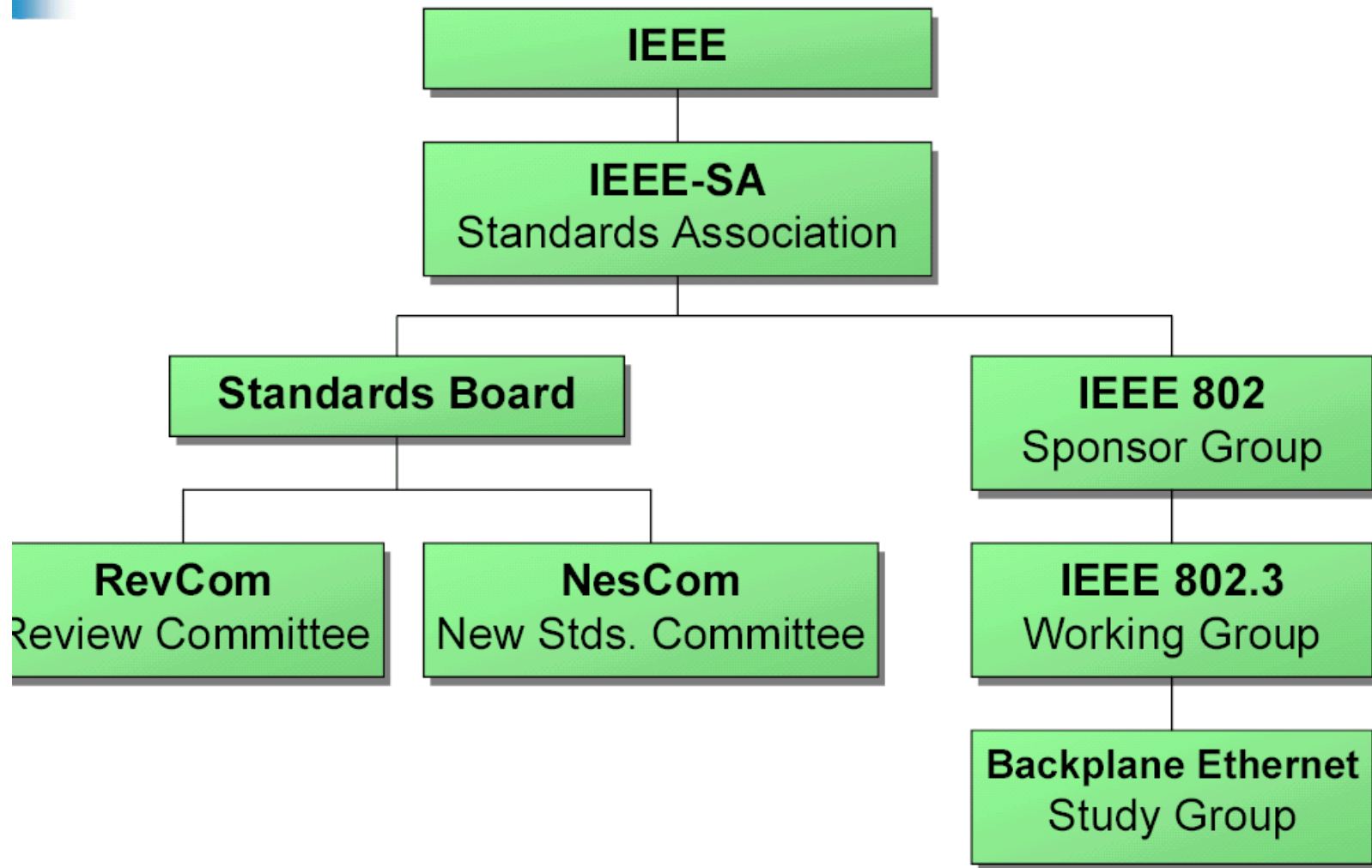
Residential Ethernet Study Group web page URL:

http://www.ieee802.org/3/re_study/

Ground rules

- **802.3 Rules apply**
 - 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 Standards Structure



Bylaws and Rules

- **Bylaws of the IEEE Standards Association (IEEE-SA):**
- <http://standards.ieee.org/sa/sa-bylaws.pdf>
- **Bylaws of the IEEE-SA Standards Board:**
- <http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf>
- **IEEE LAN/MAN Standards Committee (LMSC)**
- **Operating Rules:**
- <http://www.ieee802.org/rules.pdf>
- **IEEE 802.3 Working Group Operating Rules:**
- <http://www.ieee802.org/3/rules/>

IEEE IEEE-SA Standards Board Bylaws on Patents in SA Standards Board Bylaws on Patents in Standards

6. Patents

IEEE standards may include the known use of patent(s), including patent applications, provided the IEEE receives assurance from the patent holder or applicant with respect to patents essential for compliance with both mandatory and optional portions of the standard. This assurance shall be provided without coercion and prior to approval of the standard (or reaffirmation when a patent 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 the proposed IEEE standard against any person or entity using the patent(s) to comply with the standard or
- b) A statement that a license 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.

Approved by IEEE-SA Standards Board – December 2002

Inappropriate Topics for IEEE WG Meetings

Inappropriate Topics for IEEE WG

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

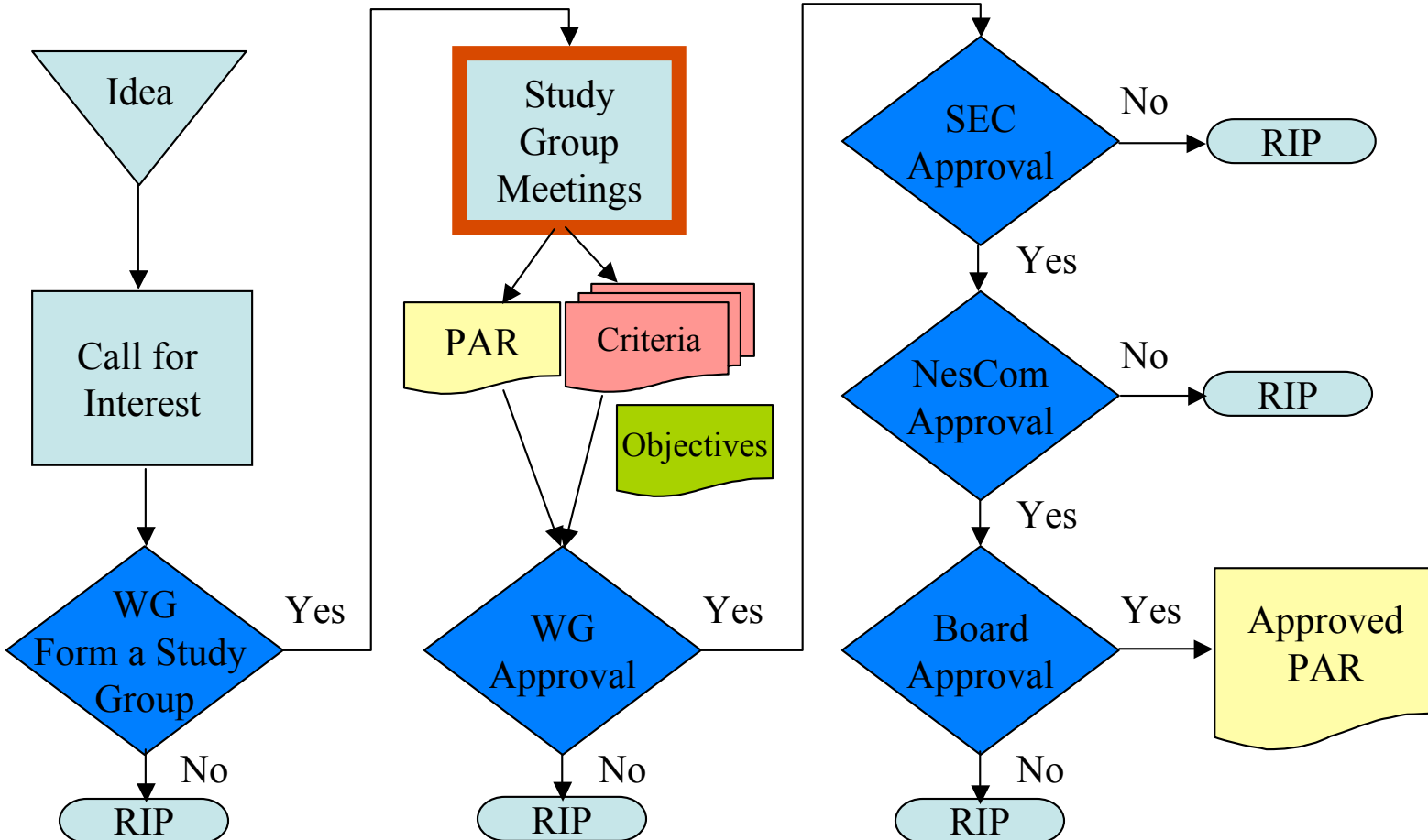
Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions, contact the IEEE Patent Committee

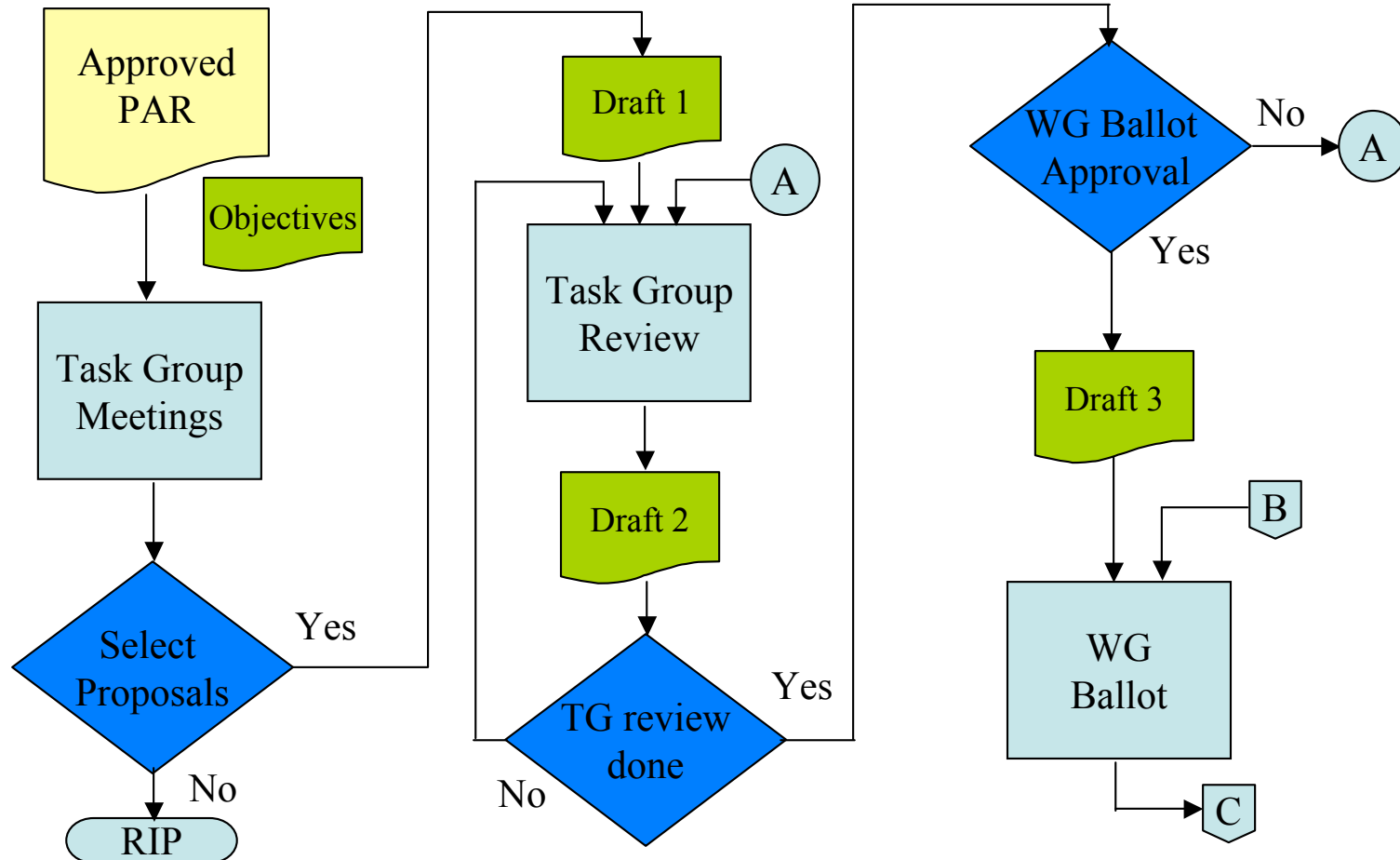
Administrator at patcom@ieee.org

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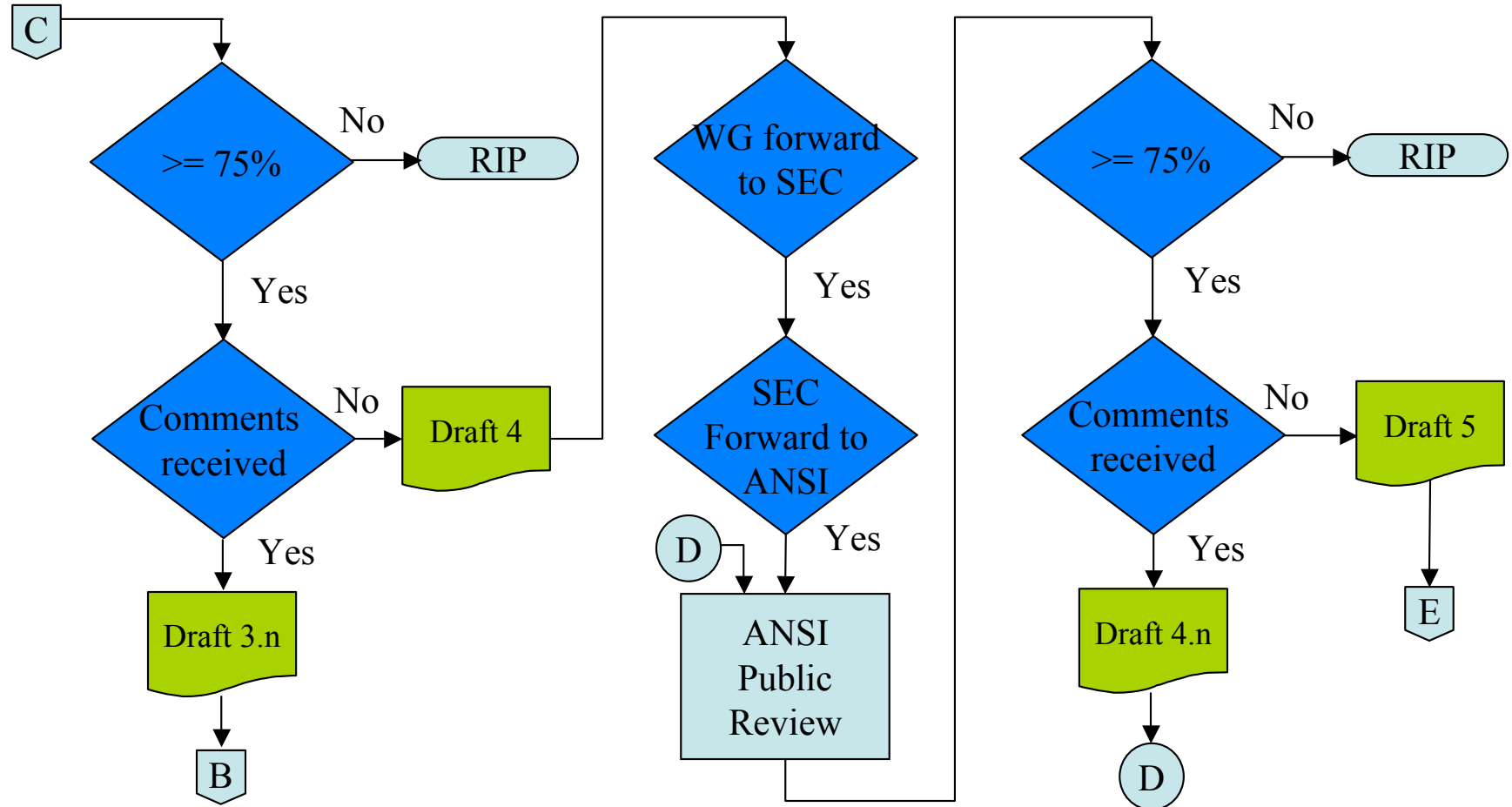
Standards Process



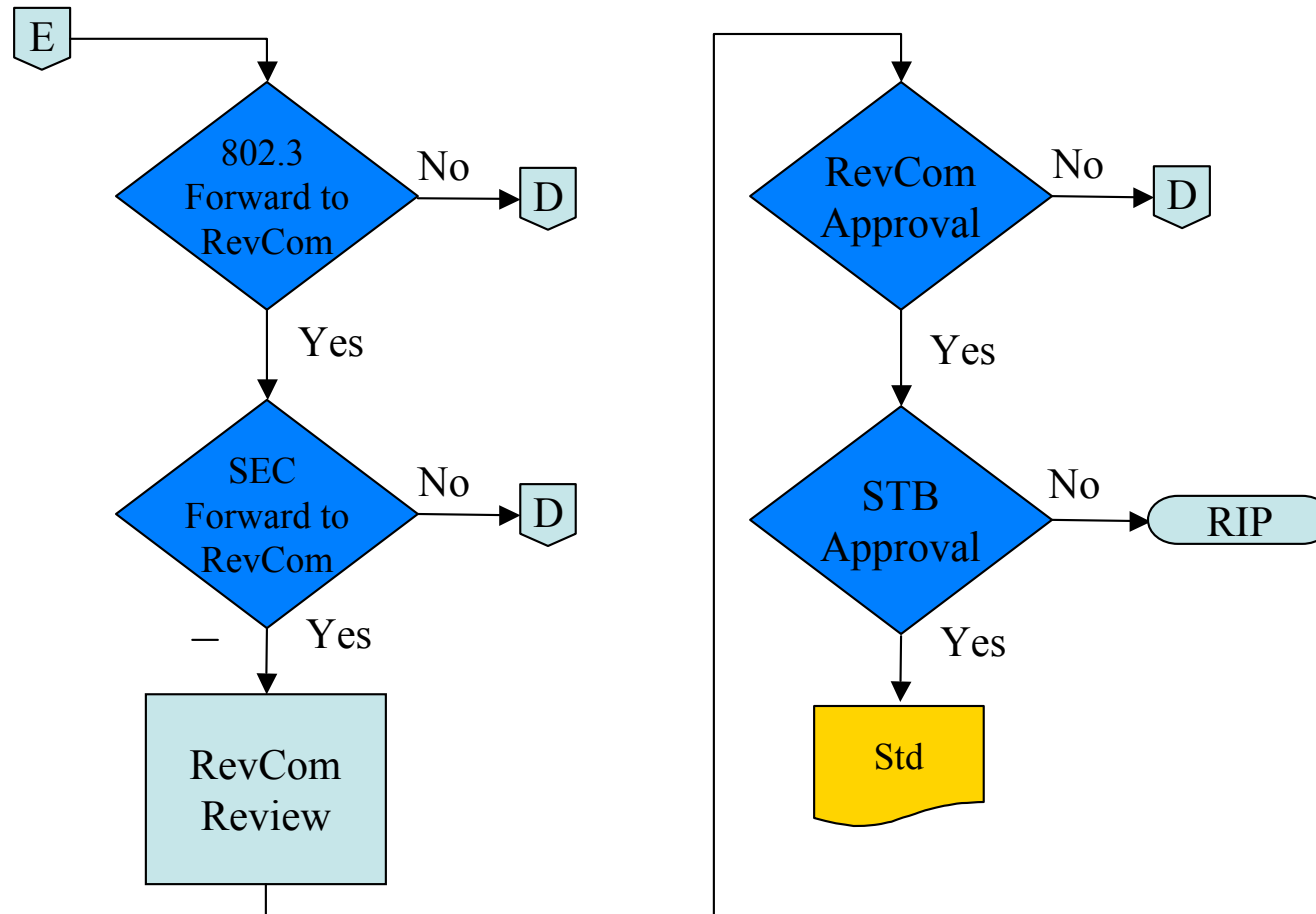
Standards Process



Standards Process



Standards Process



Study Group

- Function is to draft a PAR and 5 criteria and objectives
- Gain approval at WG 802.3, 802 SEC, IEEE NesCom and IEEE Stds. Board
- SG only exists for 6 months
 - Extensions can be requested... voted on by 802.3, ratified by SEC
- Development of Objectives helps set the goals for the Task Force
- Developing consensus
 - Education helps build consensus
 - Consensus (> 75%) required to move forward

Study Group

- Study Group NON-FUNCTION: Chose a solution