
Residential Ethernet Study Group

May 16-17, 2005
Austin, Texas, USA

Agenda

- Administrative & organizational
 - Recording secretary, patent policy, procedures, intros
 - Election of new chair
- Technical
 - Results of 802.1 discussions (Michael Johas Teener, with help from Dirceu Cavendish, Jim Battaglia, Yong Kim — one hour with Q&A)
 - ResE standardization: 802.1, 802.3, or both? (Michael Johas Teener — one hour, only 10 minutes outlining the choices, the rest reserved for discussion and development of a consensus for future action)
 - Review Objectives (all – one hour)
 - Effects of Residential Ethernet Standard on other 802.1/802.3 (Yong Kim — 30 min. including Q&A)

Agenda (2)

- Description of ResE Video Applications and Requirements (Geoffrey M. Garner — 30 minutes)
- Description of ResE Audio Applications and Requirements (Geoffrey M. Garner — 30 minutes)
- Jitter and Wander Requirements for ResE Applications (Geoffrey M. Garner — 30 minutes)
- Comparison of Layer 2 CoS and ResE mechanisms in QoS delivery (Yong Kim — 30 min, including reasonable Q&A ... Yong expects either zero or a lot of discussions examining how Layer 2 QoS could be used for service delivery and how ResE work would enhance CE content delivery).
- Design alternatives of Simple Reservation Protocol (Felix Feifei Feng — 20 minutes)
- Simple Reservation Protocol: Phases and formats (David V James and Alexei Beliaev — 30 minutes)
- High level protocols for time sensitive services, part 1: IEC 61883 (Michael Johas Teener — 30 minutes ... there will be a later presentation on RTP-based protocols at a later time)
- Planning for July Plenary – all

Goals for this meeting

- Elect new chair
- Review status
- Review objectives
- Move to 802.1, stay with 802.3, or some mix?
- Technical presentations
- Organize for July 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

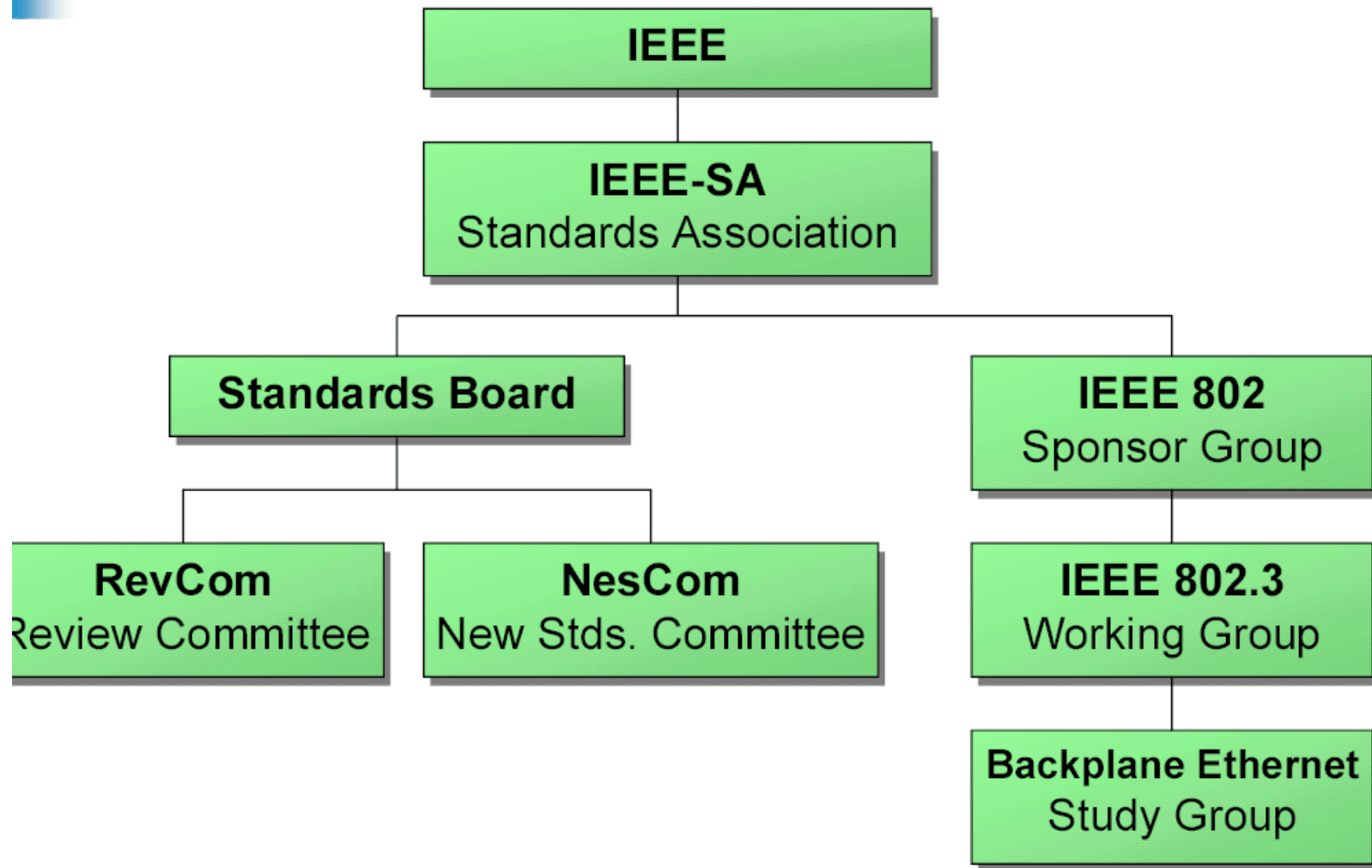
Residential Ethernet Study Group web page URL:

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

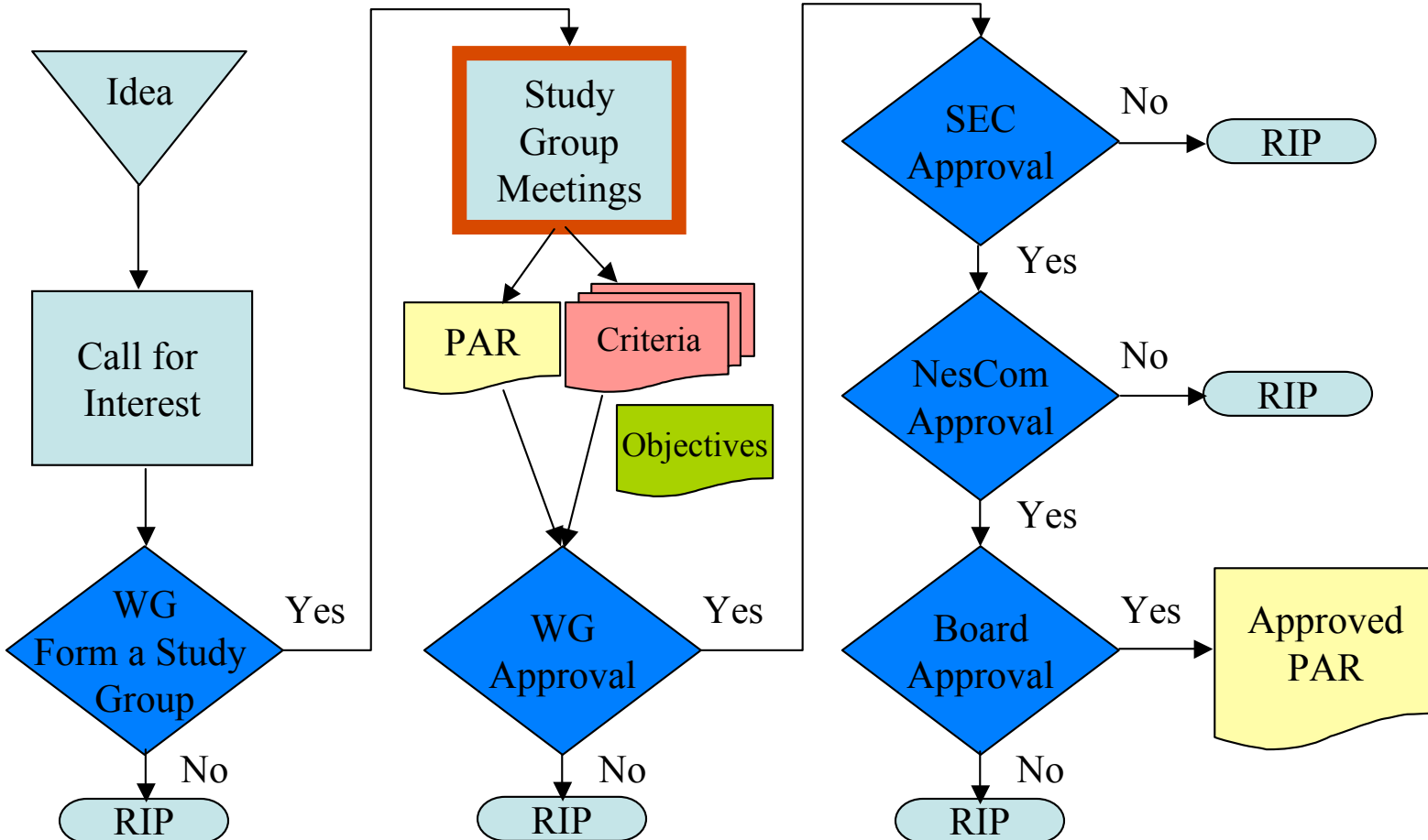
Don't be silent if inappropriate topics are discussed... do formally object.

If you have questions, contact the IEEE Patent Committee

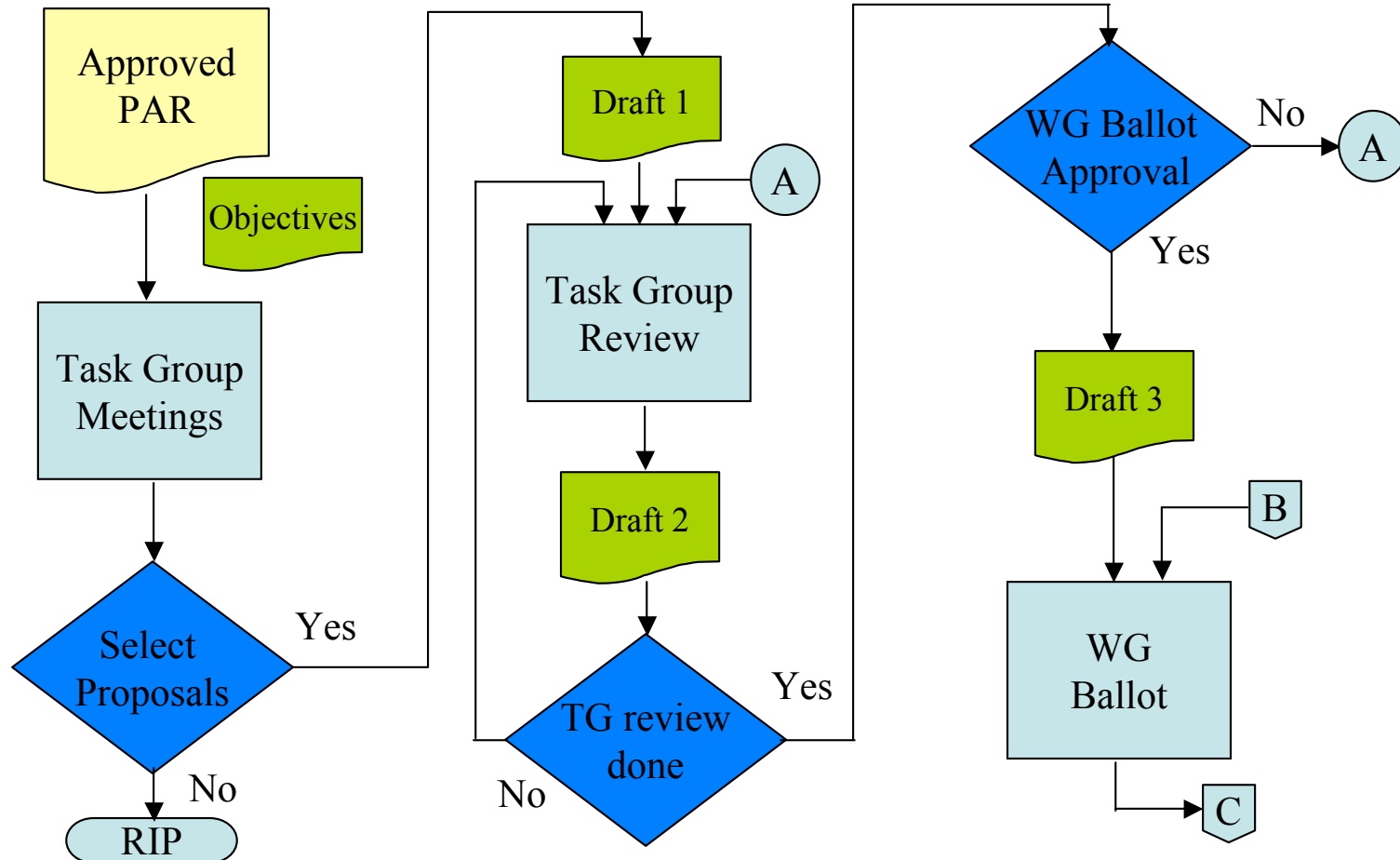
Administrator at patcom@ieee.org

Approved by IEEE-SA Standards Board – December 2002

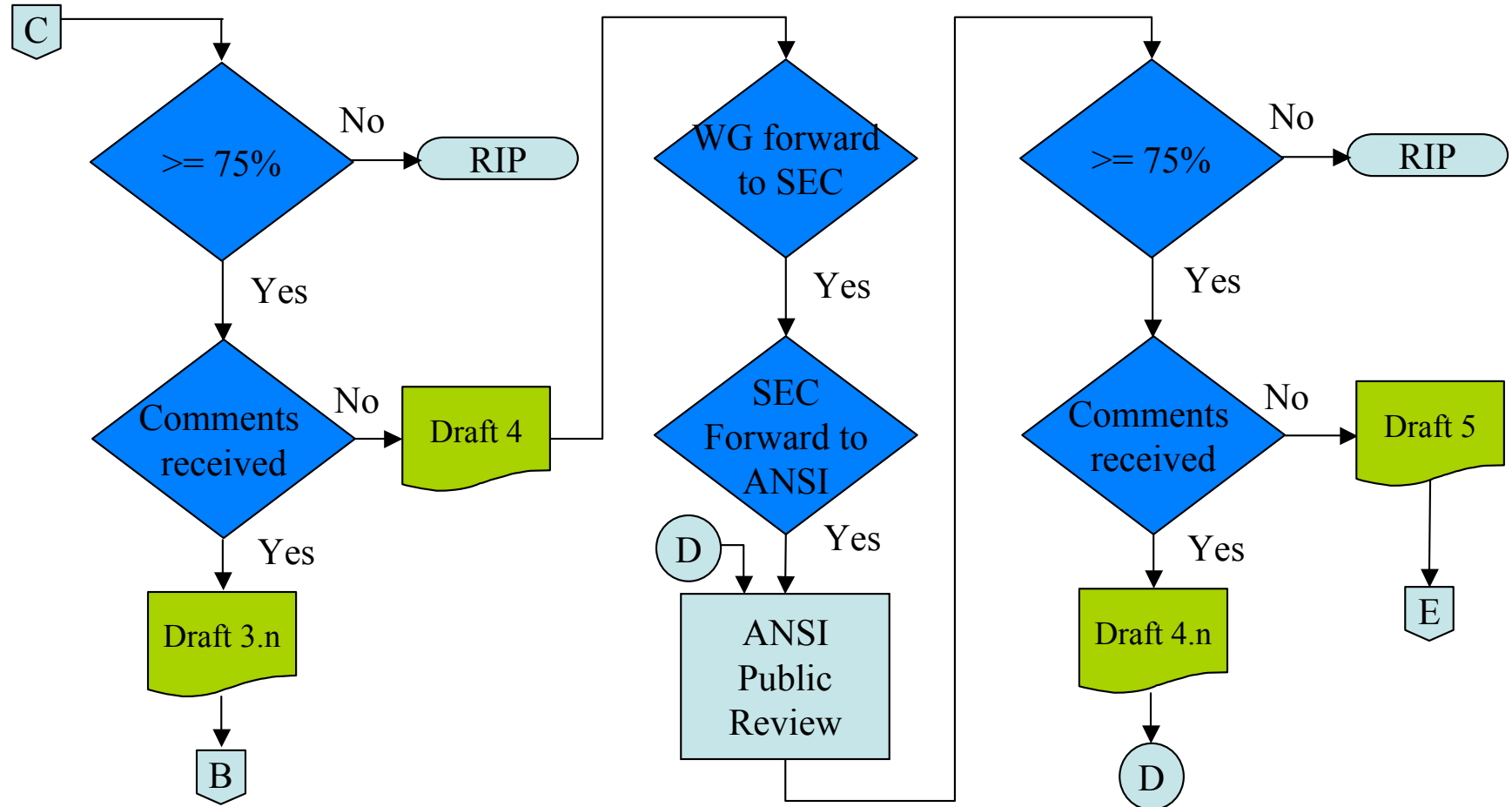
Standards Process



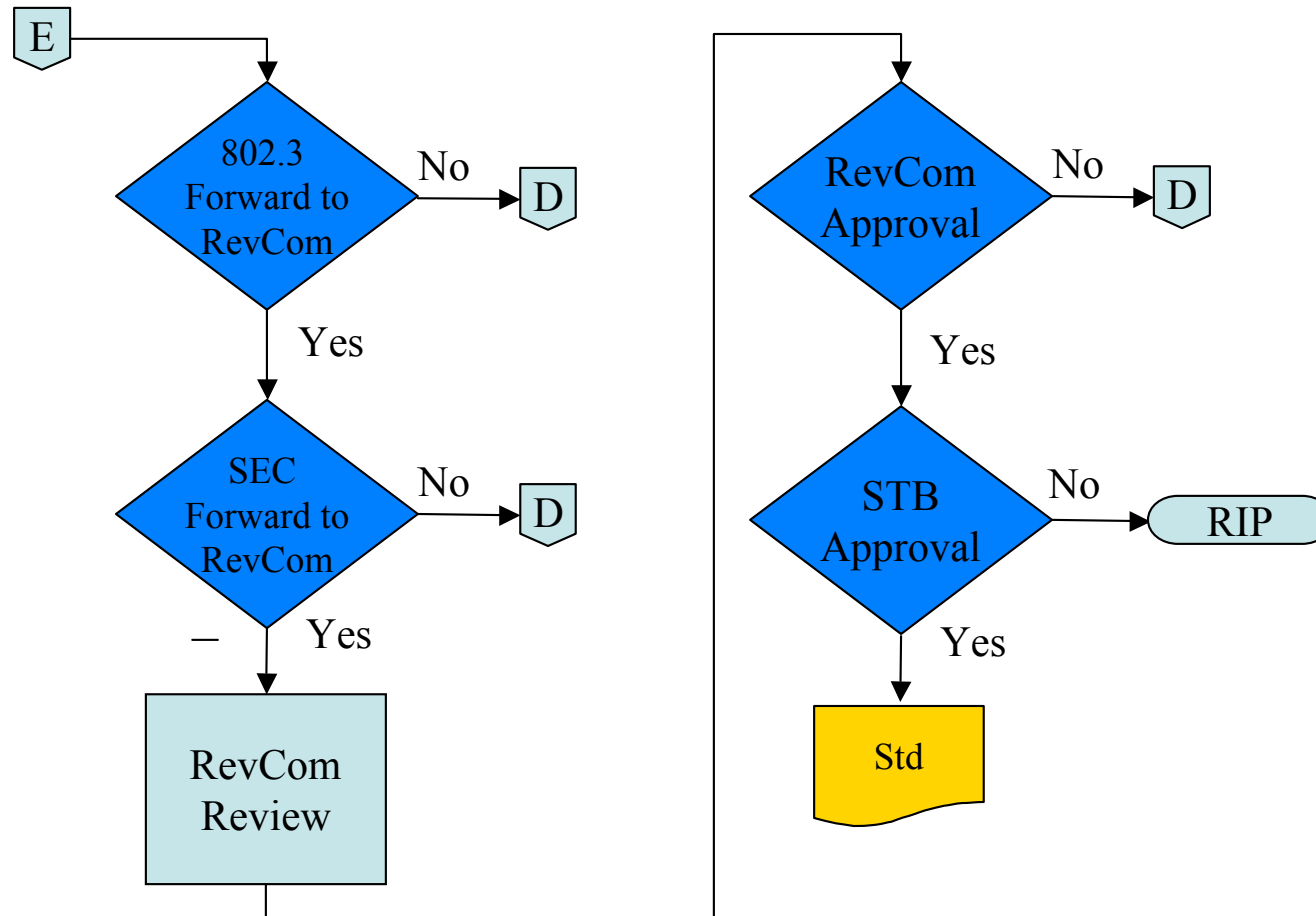
Standards Process



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