

# **IEEE P802.3an Task Force (10GBASE-T)**

**Agenda and General Information**

**Santa Clara, CA**

**April 12, 2006**

**Brad Booth, Task Force Chair**

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# Please Put Cell Phones on Stun!!



# Agenda

- **Welcome**
- **Recording Secretary: George Eisler**
- **Introductions**
- **Approval of the Minutes**
- **Plans for the Day**
- **Reflector and Web**
- **Ground Rules**
- **IEEE**
  - **Structure**
  - **Bylaws and Rules**
  - **Call for Patents**
  - **IEEE Standards Process**
- **Future Meetings**
- **Reports**
- **Comment Resolution & Presentations**
- **Summary**

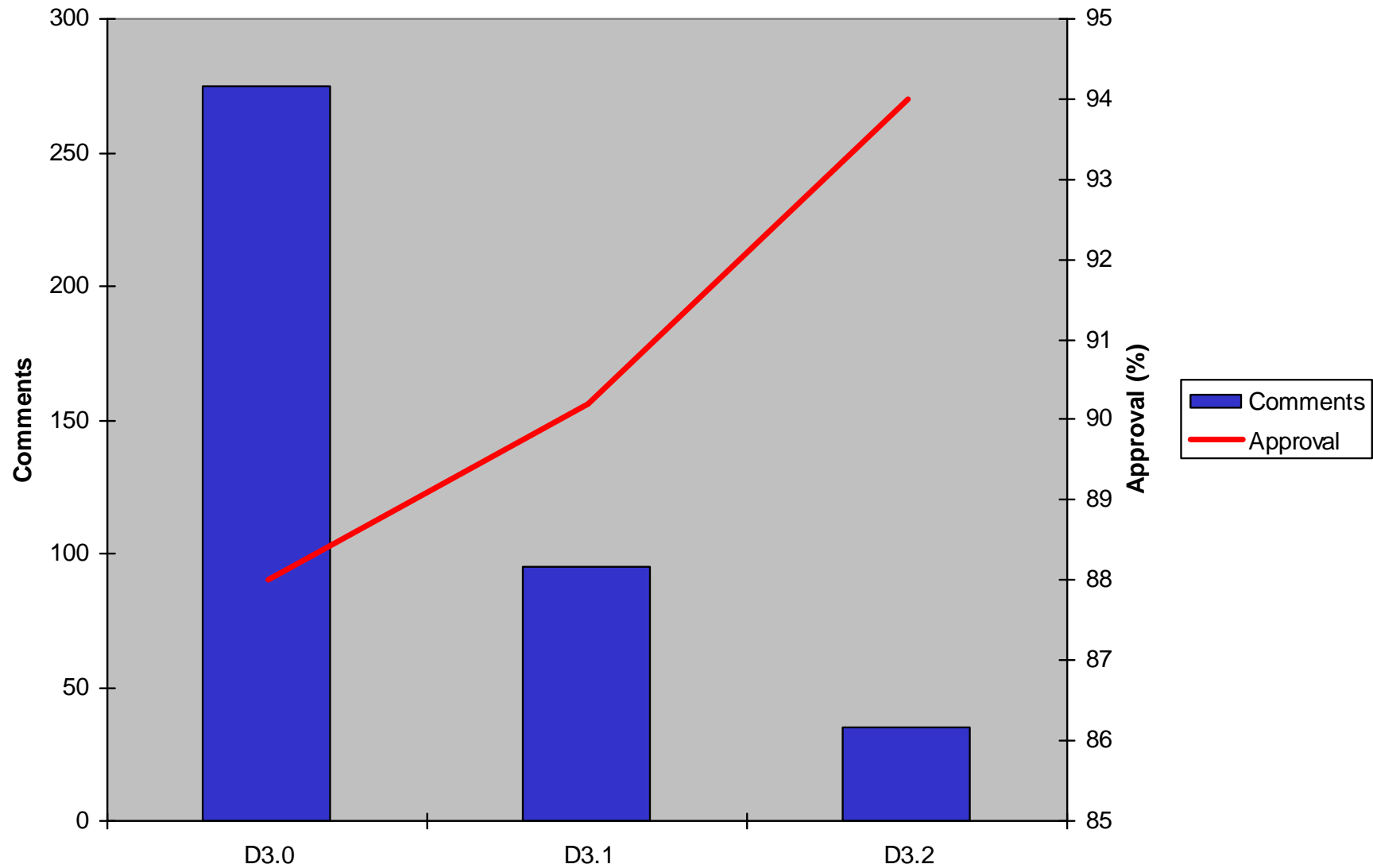
# 10GBASE-T Crew

- **Chair**
  - Brad Booth
- **Editor-in-chief**
  - Sanjay Kasturia
- **Editors:**
  - Eric Lynskey: Auto-negotiation (Clause 28, 55.6)
  - Mike McConnell: MDIO (Clause 45)
  - Jose Tellado: PCS
  - Sandeep Gupta: PMA
  - Terry Cobb: MDI (55.8)
  - Chris Diminico: Channel (55.7)

# March Minutes Approval

- **Motion to approve the minutes of the March 2006 meeting (minutes\_1\_0306.pdf).**
- **M: H. Barrass**
- **S: G. Zimmerman**
- **Procedural (>50%)**
- **TF:            Y: by voice   N:        A:**
- **PASS**

# Ballot Status



# Plans for the Day

- **Review all 35 D3.2 comments**
- **Review ISO liaison letter request**
  - **Formulated by Henri Koeman**
- **Decide on submission to RevCom or recirculation**
  - **If submit, there will be no recirc or May meeting**
  - **If not, D4.0 will be generated and recirc'ed**
    - **Meeting/conference call still possible for May**

# Reflector and Web

- To subscribe to any of the 10GBASE-T reflectors send an email to:

*[listserv@ieee.org](mailto:listserv@ieee.org)*

with the following in the body of the message:

*[subscribe stds-802-3-10GBT <your name>](#)*  
*[end](#)*

for example:

*[subscribe stds-802-3-10GBT Brad Booth](#)*  
*[end](#)*

- P802.3an Task Force web page URL:  
*<http://www.ieee802.org/3/an/>*



# P802.3an Documents

- **Draft**
  - [www.ieee802.org/3/an/private/](http://www.ieee802.org/3/an/private/)
  - **Access**
    - Userid: 802.3an
    - Password: \*\*\*\*\*
  - Write it down!!
- **PAR (Project Authorization Request)**
  - [www.ieee802.org/3/an/par.pdf](http://www.ieee802.org/3/an/par.pdf)
- **5 Criteria**
  - [www.ieee802.org/3/an/5Criteria.pdf](http://www.ieee802.org/3/an/5Criteria.pdf)
- **Objectives**
  - [www.ieee802.org/3/an/objectives.pdf](http://www.ieee802.org/3/an/objectives.pdf)

# Ground Rules

- **Based upon 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-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. The patent holder or applicant should provide this assurance as soon as reasonably feasible in the standards development process. This assurance shall be provided no later than the approval of the standard (or reaffirmation when a patent or patent application becomes known after initial approval of the standard). This assurance shall be 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 is irrevocable once submitted and accepted and shall apply, at a minimum, from the date of the standard's approval to the date of the standard's withdrawal.**

**Approved by IEEE-SA Standards Board – March 2003 (Revised February 2006)**

# Inappropriate Topics for IEEE WG Meetings

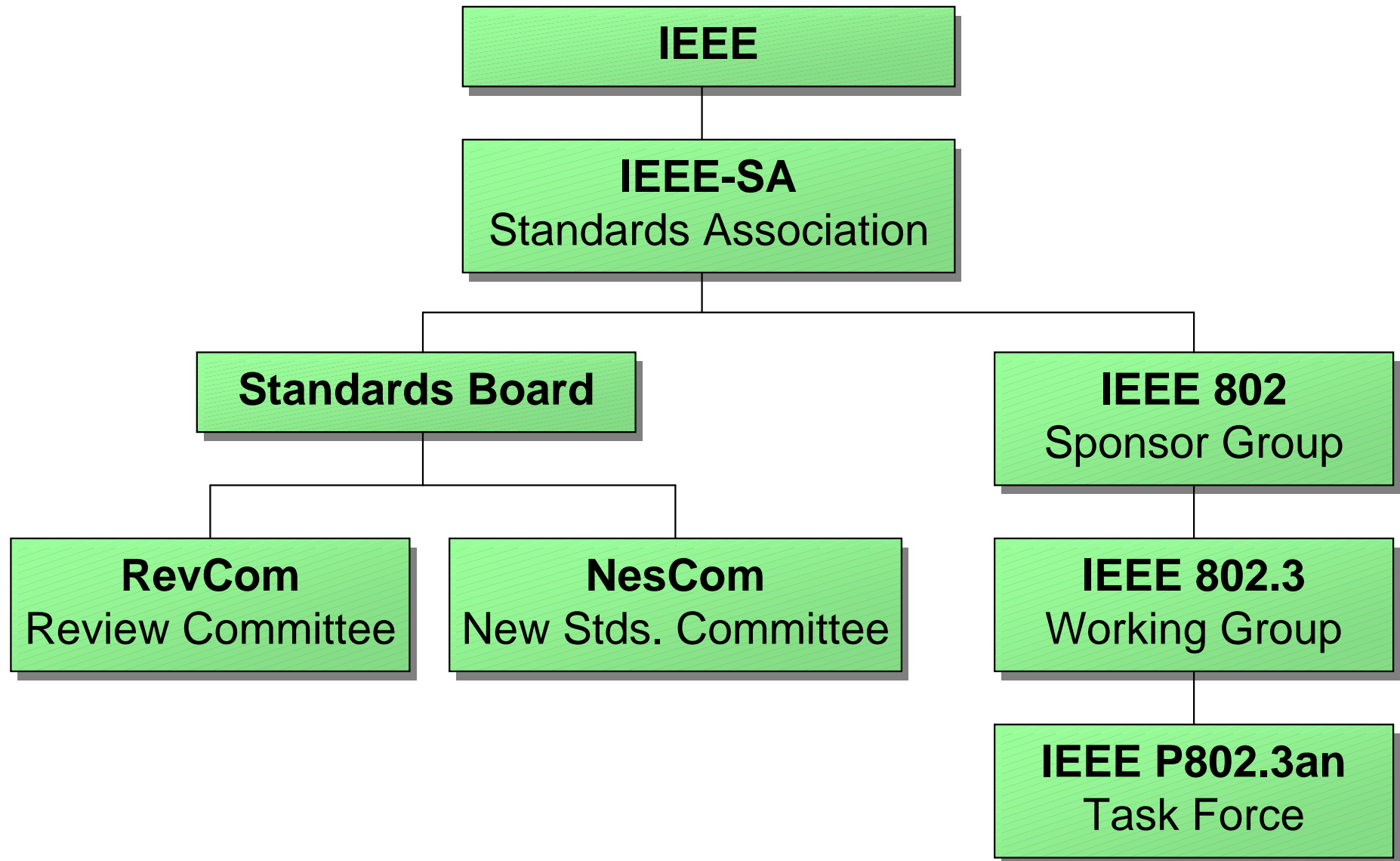
- **Don't discuss the validity/essentiality of patents/patent claims**
- **Don't discuss the cost of specific patent use**
- **Don't discuss licensing terms or conditions**
- **Don't discuss product pricing, territorial restrictions, or market share**
- **Don't discuss ongoing litigation or threatened 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](mailto: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>

Approved by IEEE-SA Standards Board – March 2003 (Revised February 2006)

# IEEE Structure



# Bylaws and Rules

- **IEEE Standards Association (IEEE-SA) Operations Manual:**

*<http://standards.ieee.org/sa/sa-om-toc.html>*

- **Bylaws of the IEEE-SA Standards Board:**

*<http://standards.ieee.org/guides/bylaws/>*

- **IEEE LAN/MAN Standards Committee (LMSC) Policies and Procedures:**

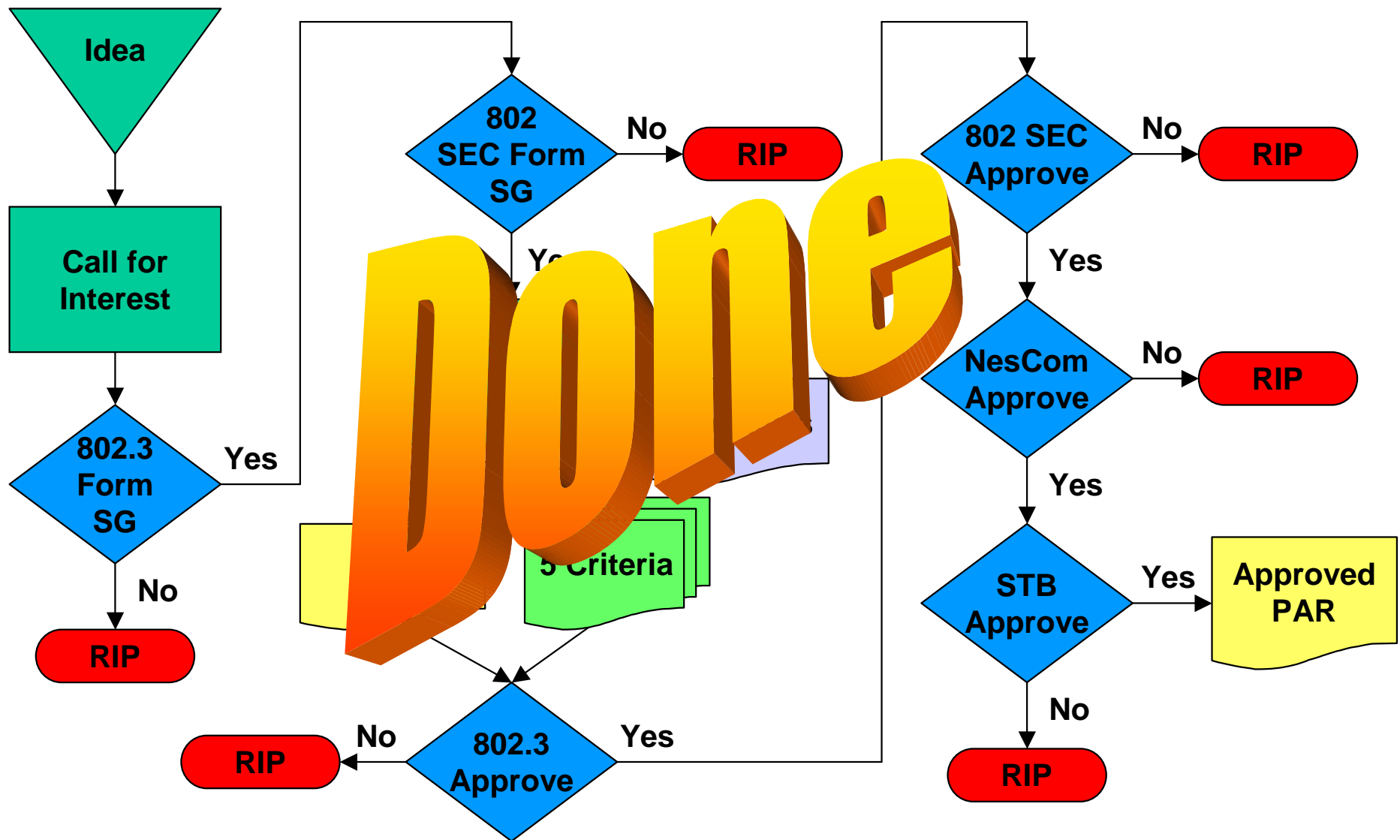
*<http://www.ieee802.org/policies-and-procedures.pdf>*

- **IEEE 802.3 Working Group Operating Rules:**

*<http://www.ieee802.org/3/rules/>*

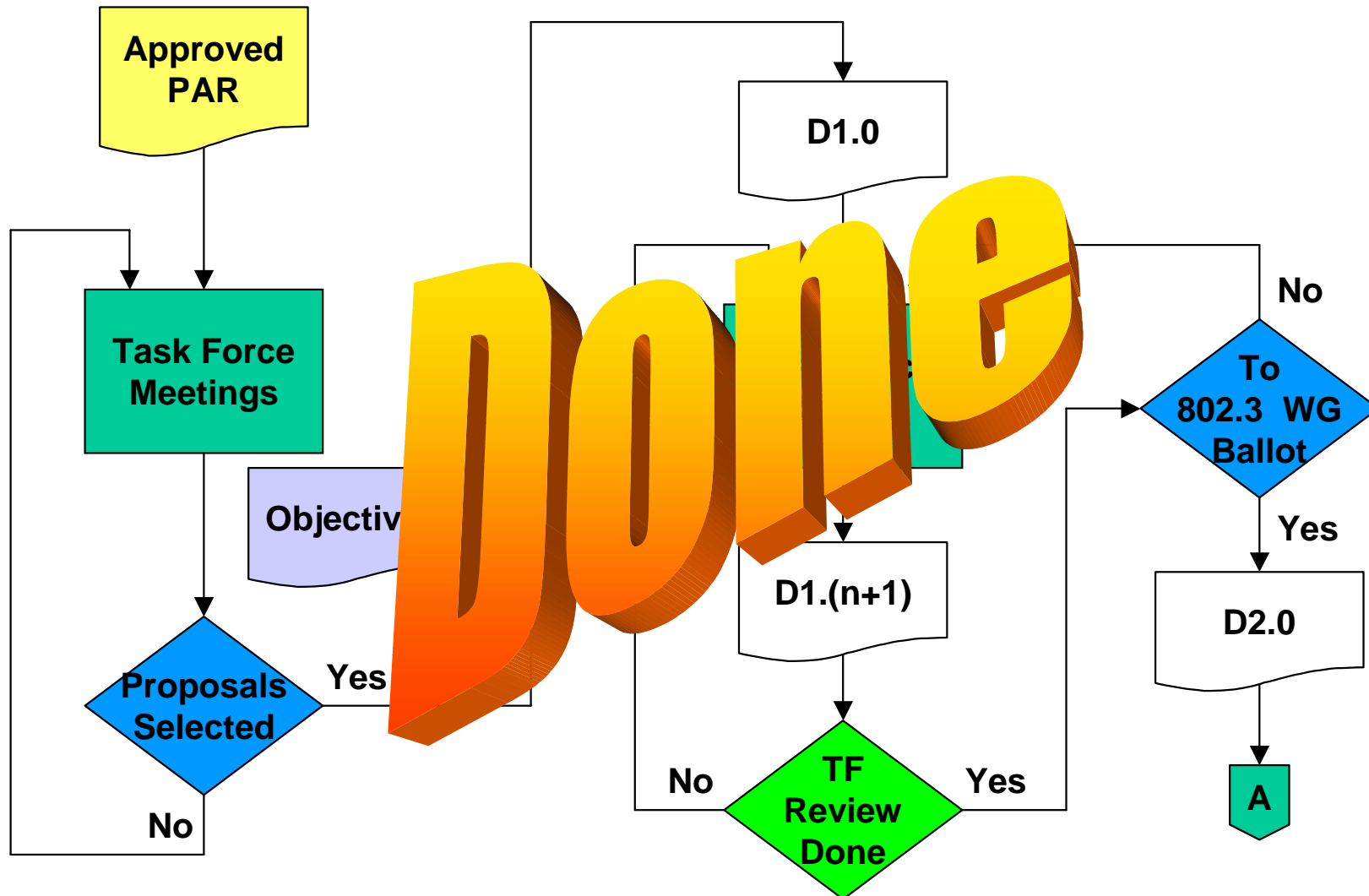
# IEEE Standards Process

## Study Group Formation



# IEEE Standards Process

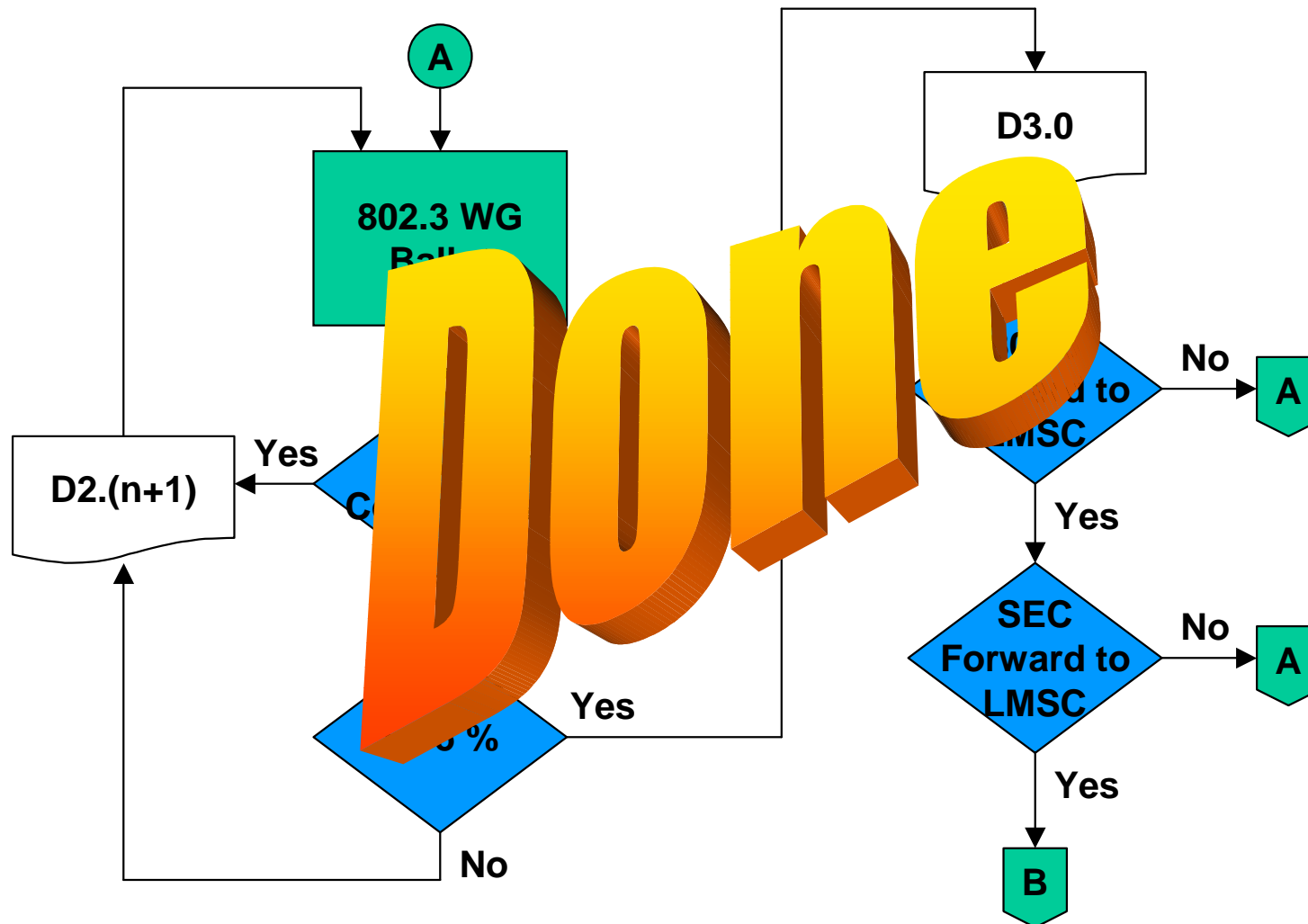
## Task Force Review





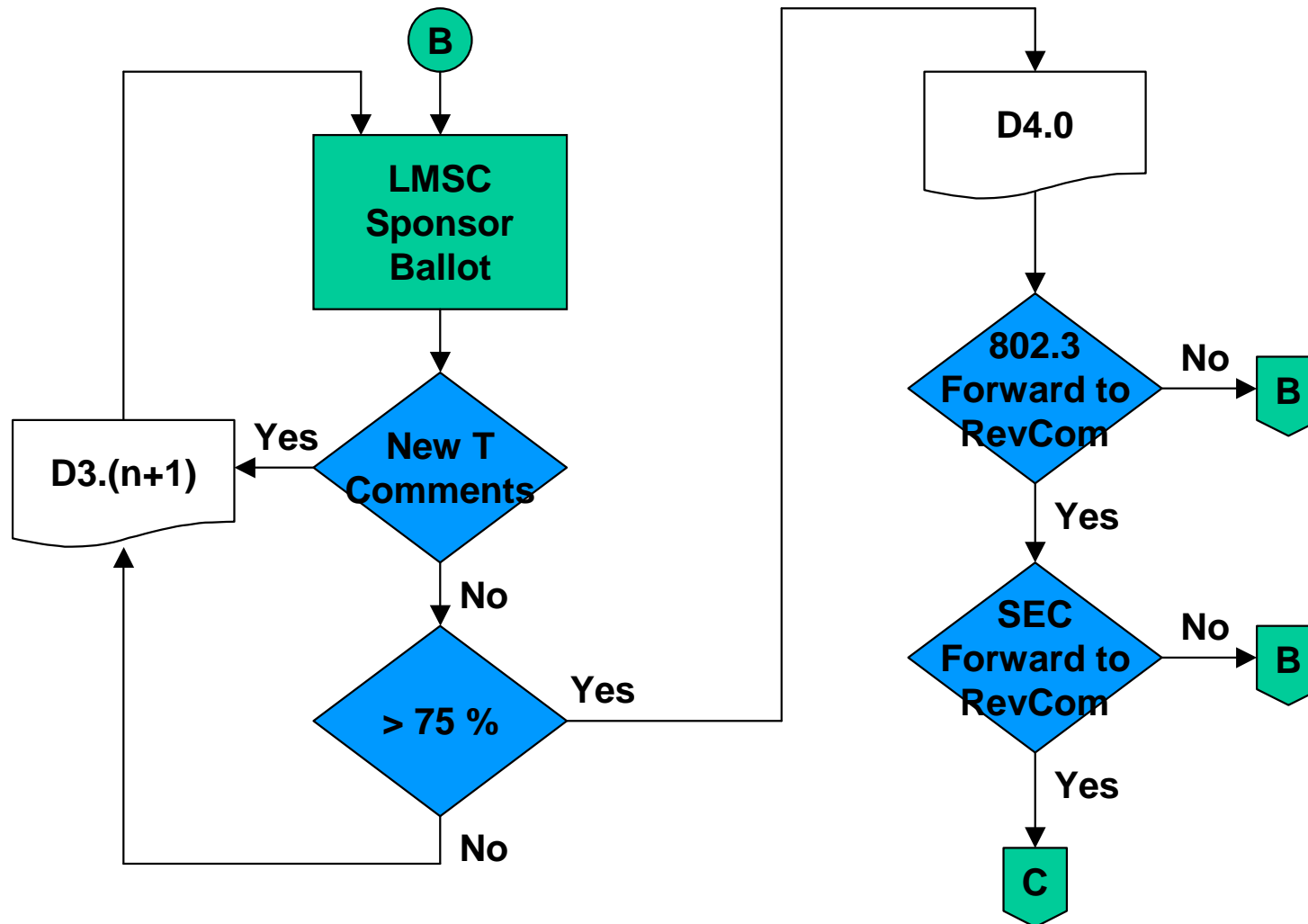
# IEEE Standards Process

## Working Group Ballot



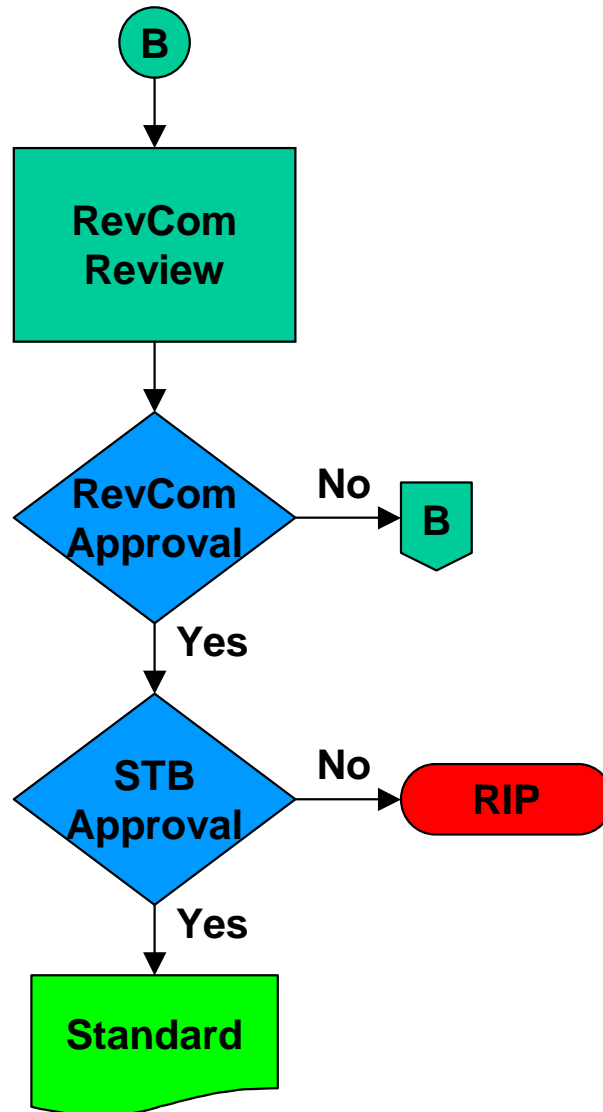
# IEEE Standards Process

## Sponsor Ballot

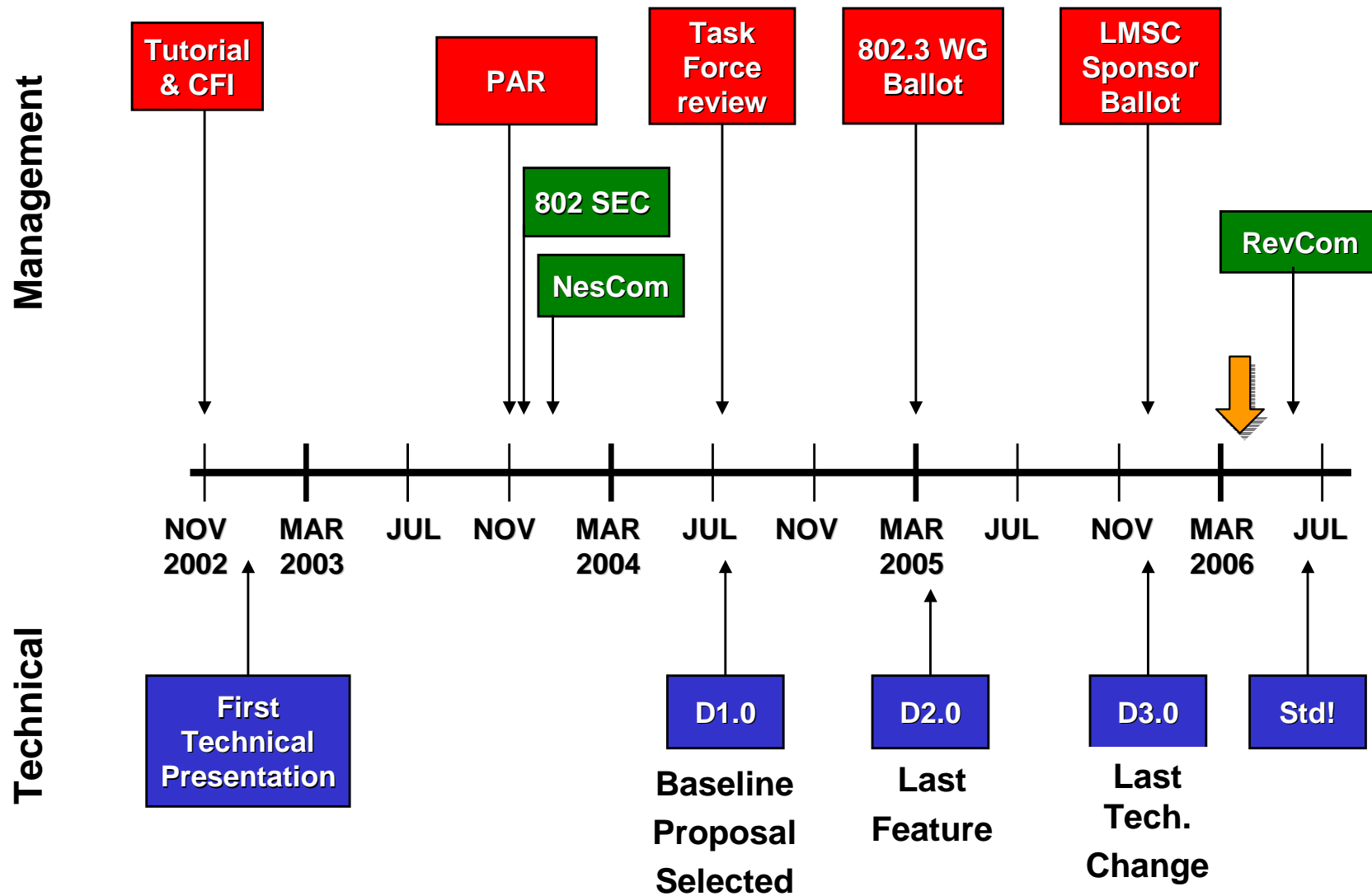


# IEEE Standards Process

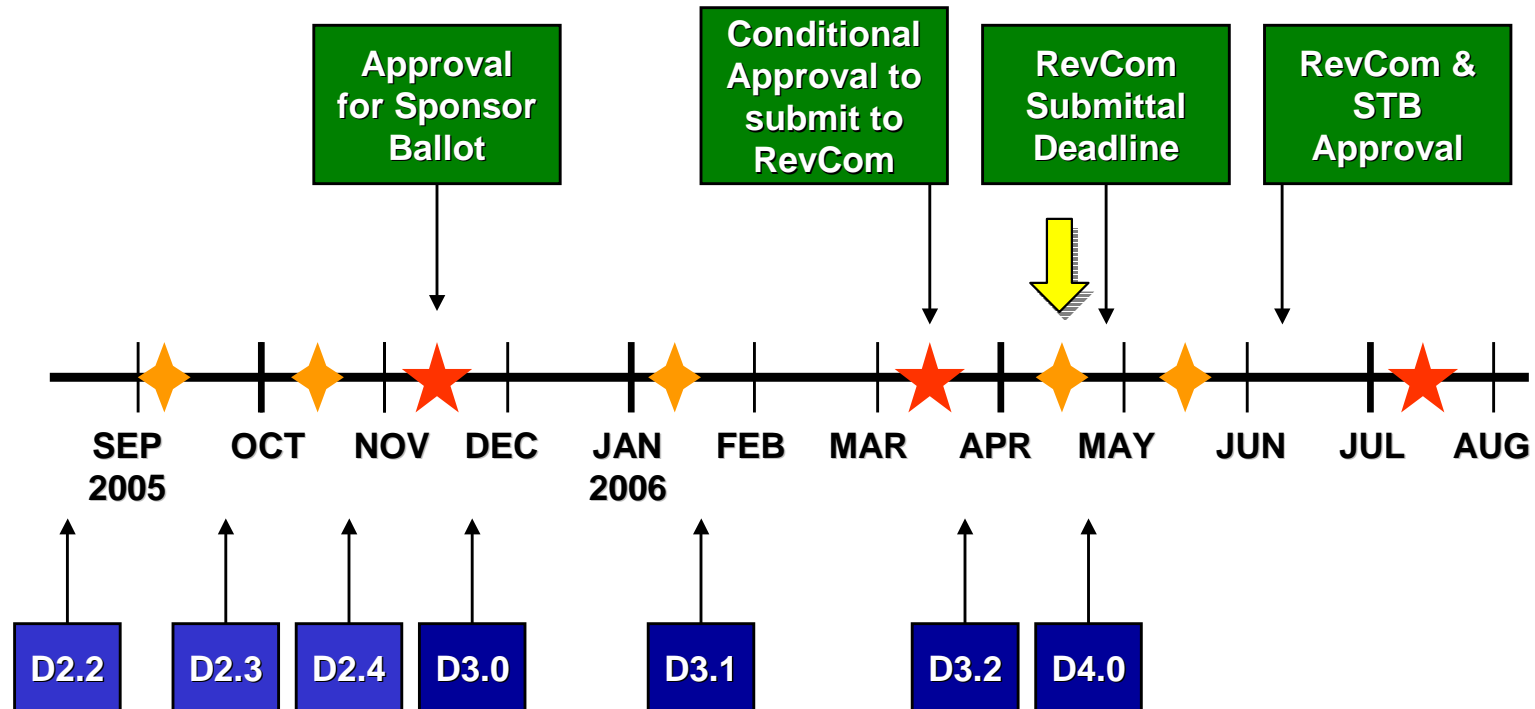
## Standard Approval



# P802.3an Timeline



# P802.3an Timeline Magnified



★ Interim Meeting    ★ Plenary Meeting

# Future Meetings

- **May 2006 Interim**
  - **Date: Week of May 22<sup>nd</sup>**
  - **Location: Austin, TX**
  - **Goal: If required, one day meeting/conference call to respond to D4.0 comments**
- **July 2006 Plenary**
  - **Date: Week of July 17<sup>th</sup>**
  - **Location: San Diego, CA**
  - **Goal: hopefully 802.3an's final "meeting" at the 802.3 opening session**

# Reports

- **TIA**
  - Virtual Val (Sterling Vaden) to report
- **Editor's report**
  - How we did on D3.2?

# Comment Resolution



# Motions

# ISO Liaison Motion

- **Move that TF approve the ISO informal communication, with appropriate edits by the Chair (or his appointed agent), to ISO/IEC 11801 JTC 1/SC 25/WG 3 and approve submission to 802.3 as a formal communication (as informal communication to preface that).**
- **M: H. Koeman**
- **S: G. Zimmerman**
- **Technical ( $\geq 75\%$ )**
- **TF: Y: by voice    N:        A:**
- **PASS**

# Draft 4.0 Motion

- **Move that Draft 3.2 plus the resolution of comments and motions on Draft 3.2 be used as the basis for the generation of Draft 4.0 for recirculation and submission to RevCom.**
- **M: H. Barrass**
- **S: M. McConnell**
- **Technical ( $\geq 75\%$ )**
- **TF:            Y: 37   N: 0   A: 0**
- **PASS**

# Adjourn

- Move to adjourn.
- M: B. McClellan
- S: J. Babanezhad
- Procedural (>50%)
- TF:            Y: by voice   N:        A:
- PASS

# Thank You!