

**IEEE P802.3an Task Force
(10GBASE-T)
Agenda and General Information**

**Austin, TX
May 24, 2006**

Brad Booth, Task Force Chair

Please Put Cell Phones on Stun!!



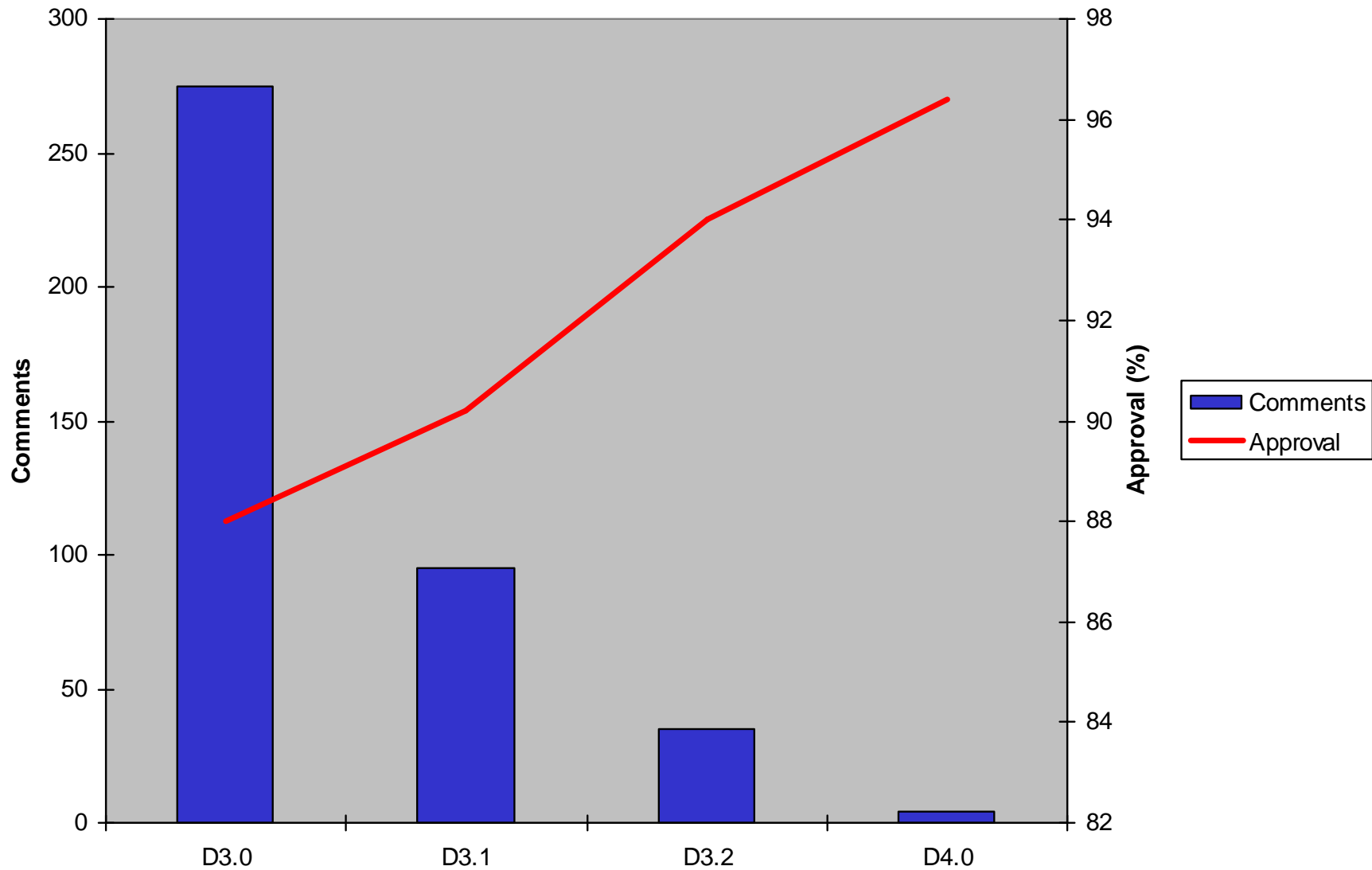
Agenda

- **Welcome**
- **Recording Secretary:**
- **Introductions**
- **Approval of the Minutes**
- **Meeting Plans**
- **Reflector and Web**
- **Ground Rules**
- **IEEE**
 - **Structure**
 - **Bylaws and Rules**
 - **Call for Patents**
 - **IEEE Standards Process**
- **Comment Resolution**
- **Future Meetings**
- **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)

Ballot Status



Plans for the Day

- **Review all 4 D4.0 comments**
 - **Formulate responses to the comments**

- **RevCom decision**
 - **Does D4.0 require changes?**
 - **If so, D4.1 generated and D4.0 pulled from RevCom agenda**
 - **Otherwise, D4.0 stays on the RevCom agenda**

Reflector and Web

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

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

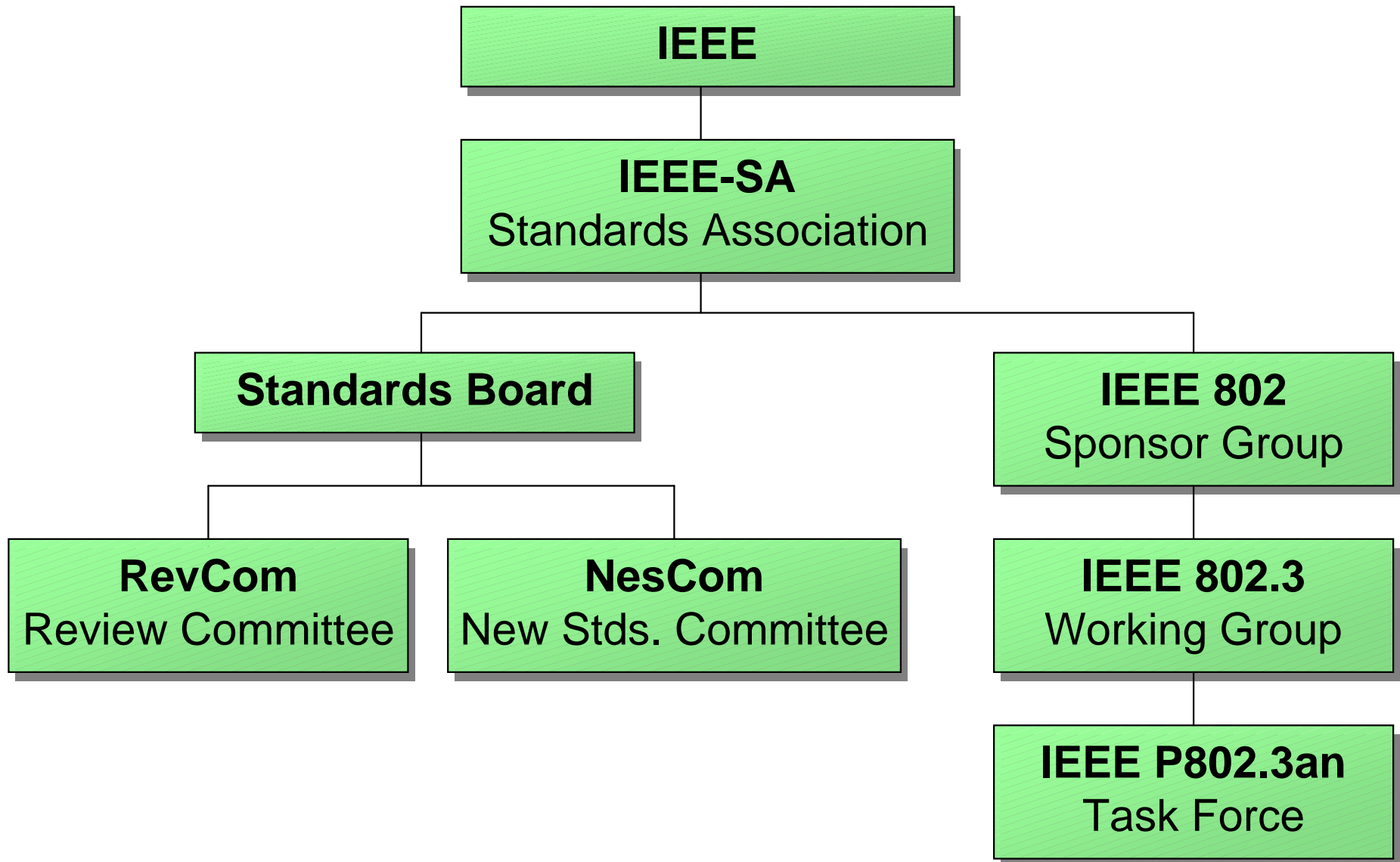
- **Don't discuss the validity/essentiality of patents/patent claims**
- **Don't discuss the cost of specific patent use**
- **Don't discuss licensing terms or conditions**
- **Don't discuss product pricing, territorial restrictions, or market share**
- **Don't discuss ongoing litigation or threatened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

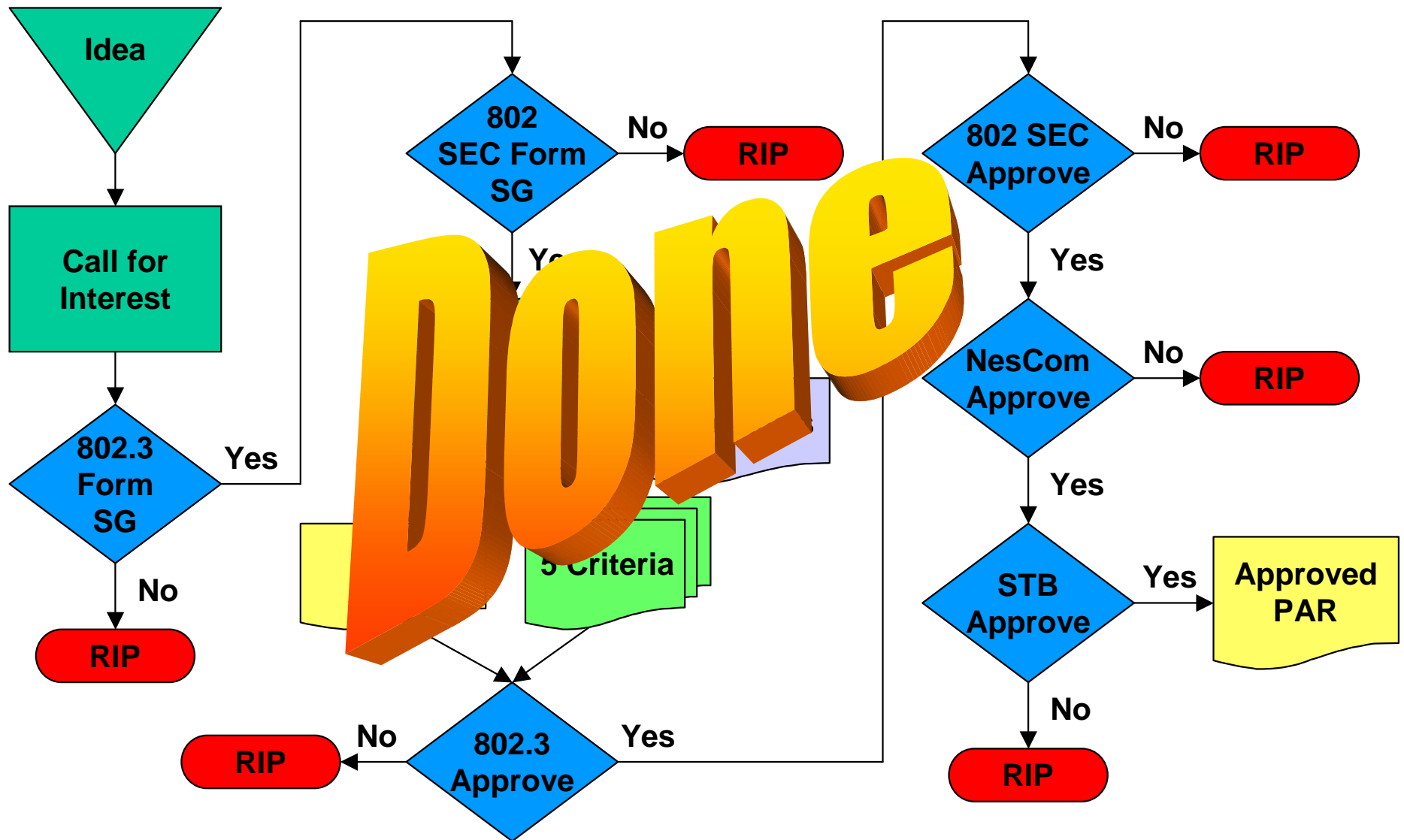


Bylaws and Rules

- **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/>

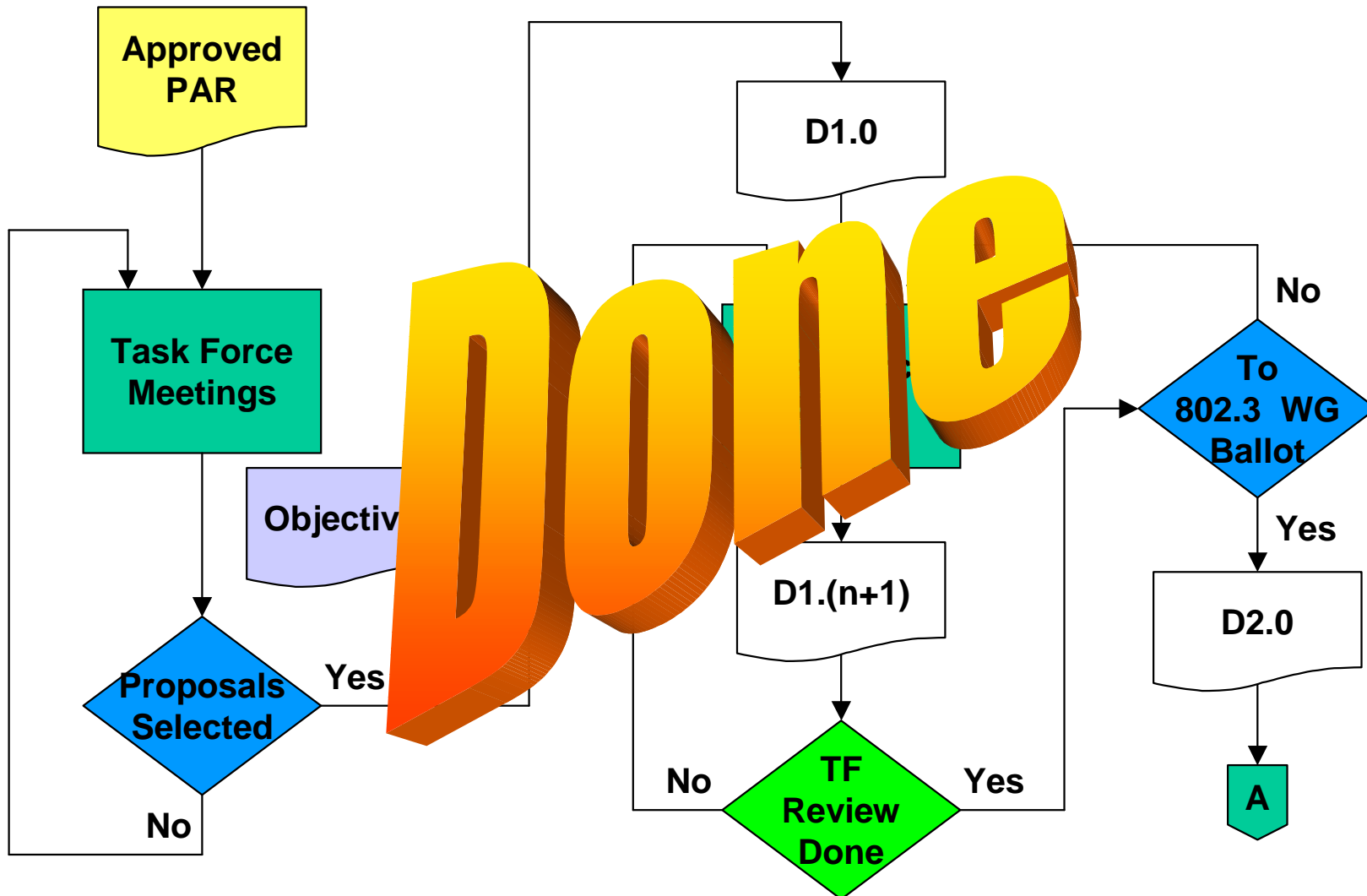
IEEE Standards Process

Study Group Formation



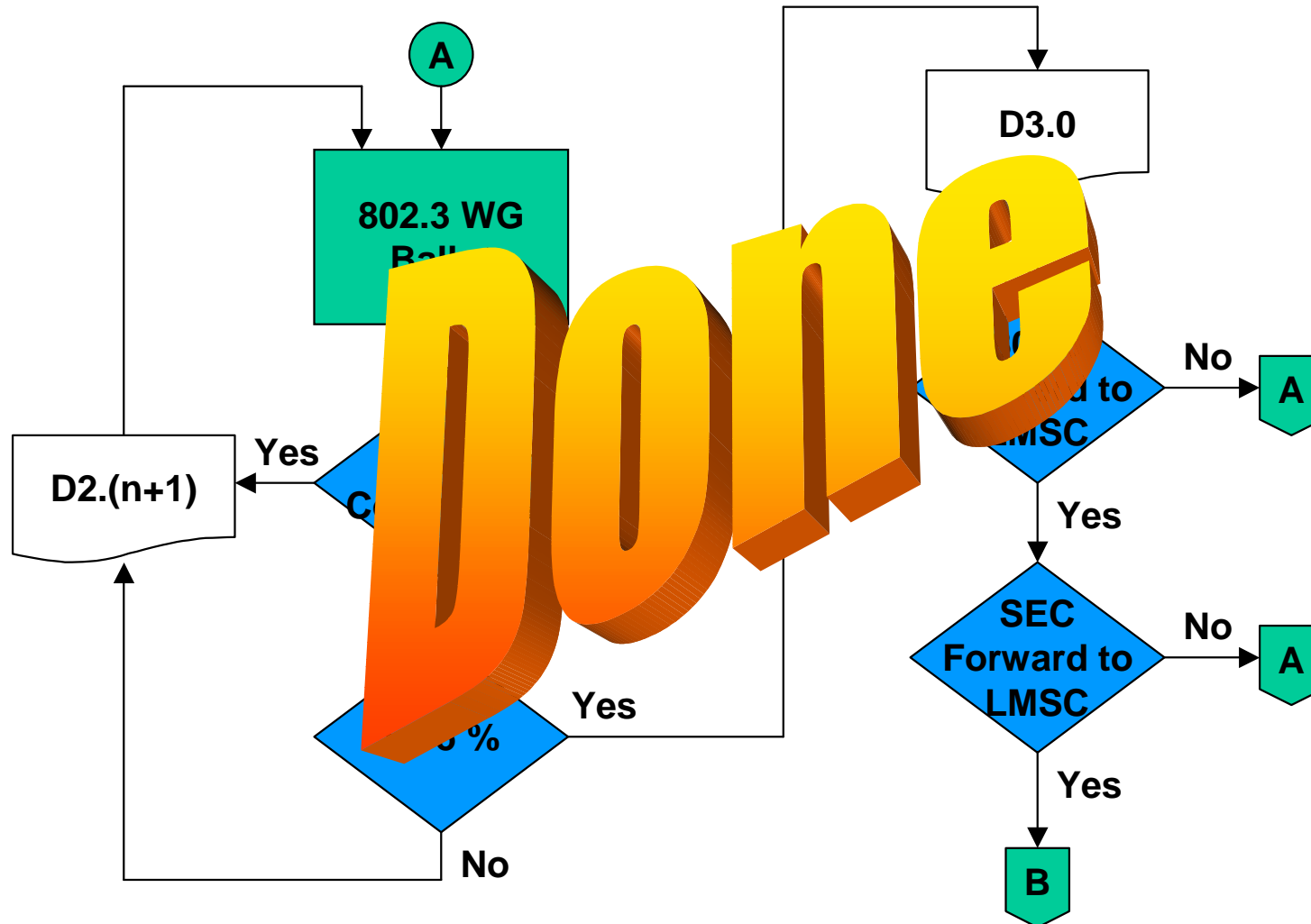
IEEE Standards Process

Task Force Review



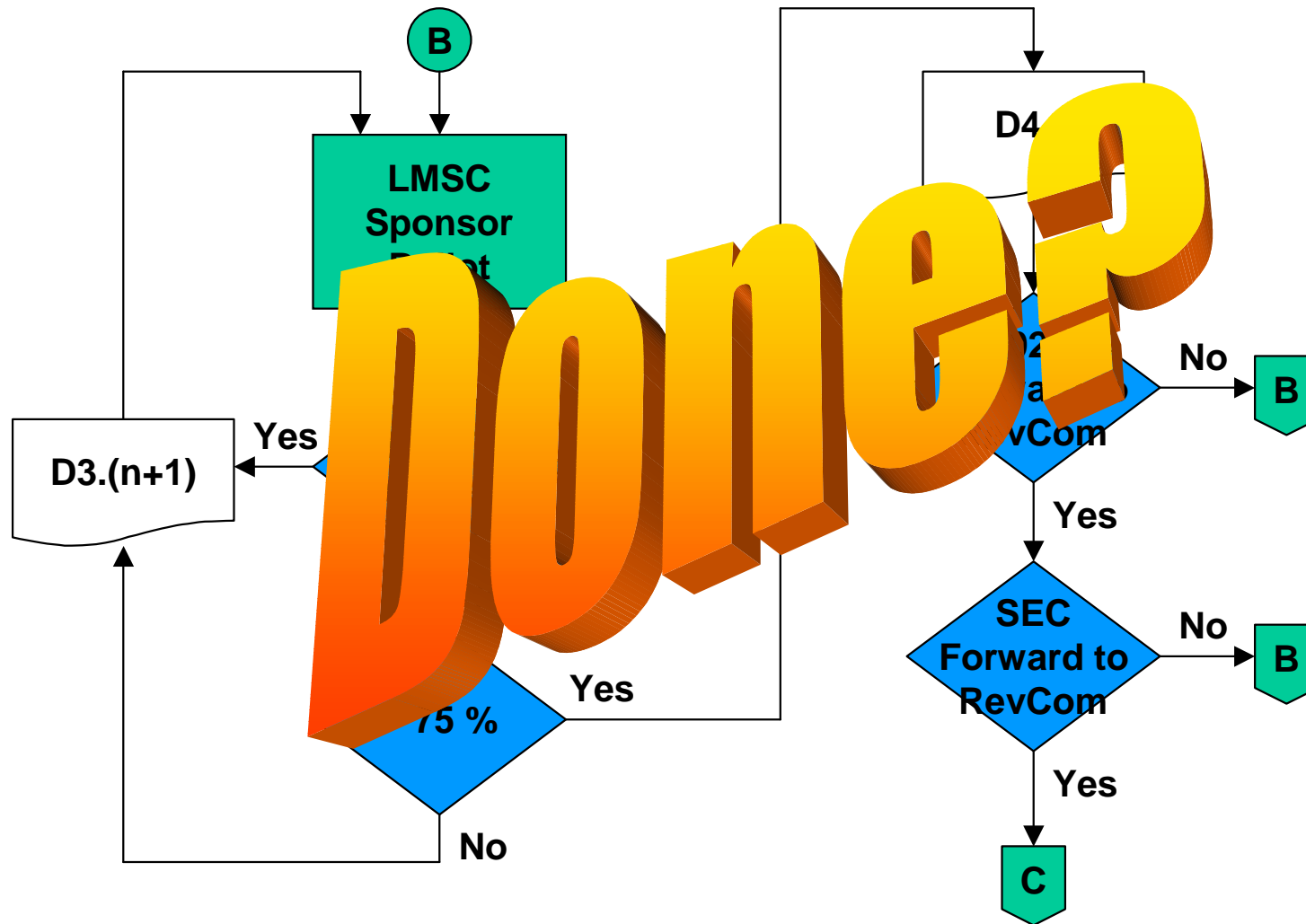
IEEE Standards Process

Working Group Ballot



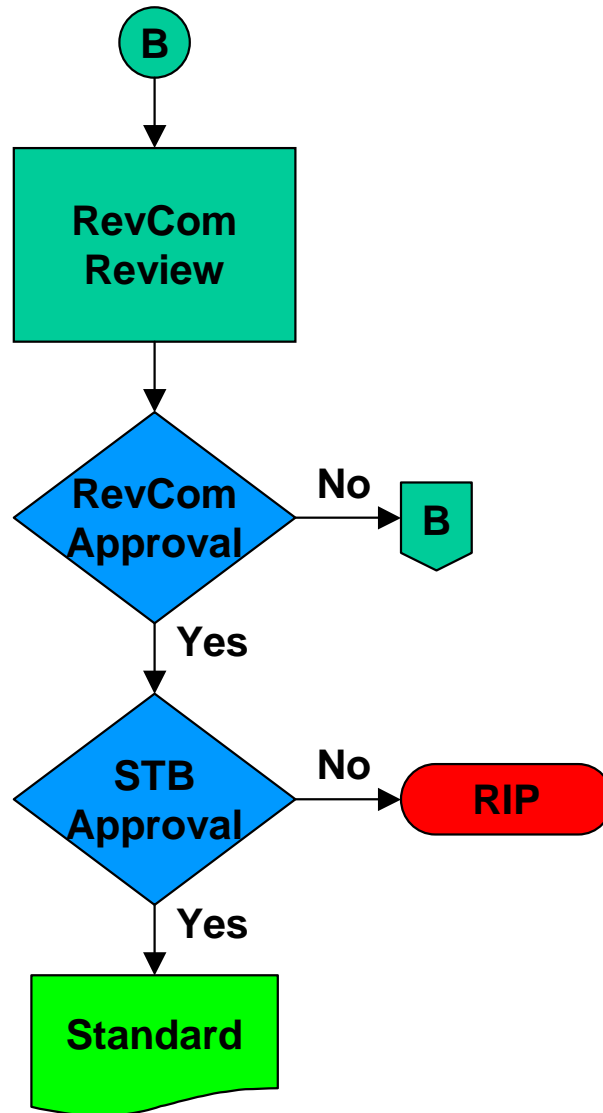
IEEE Standards Process

Sponsor Ballot

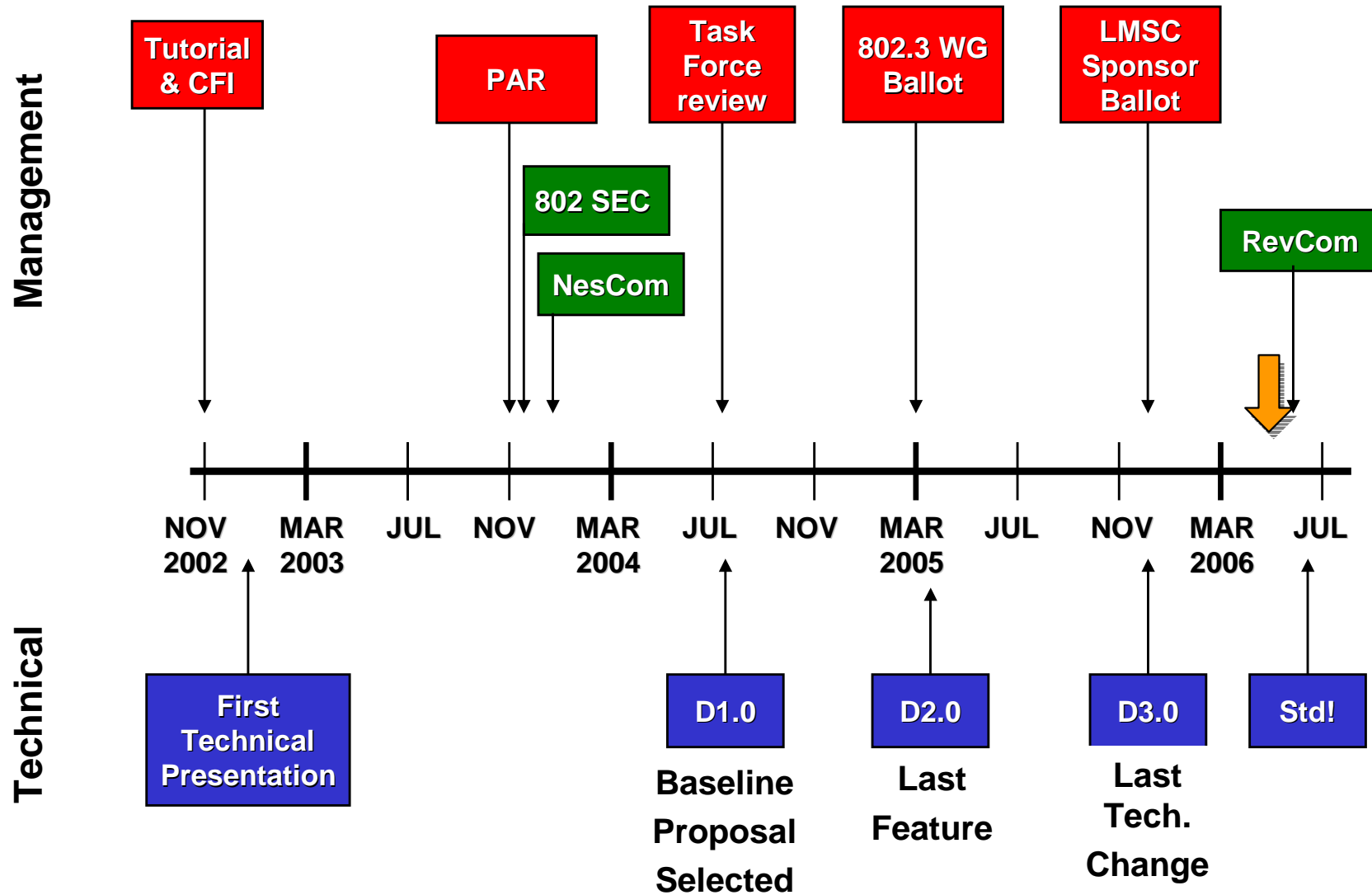


IEEE Standards Process

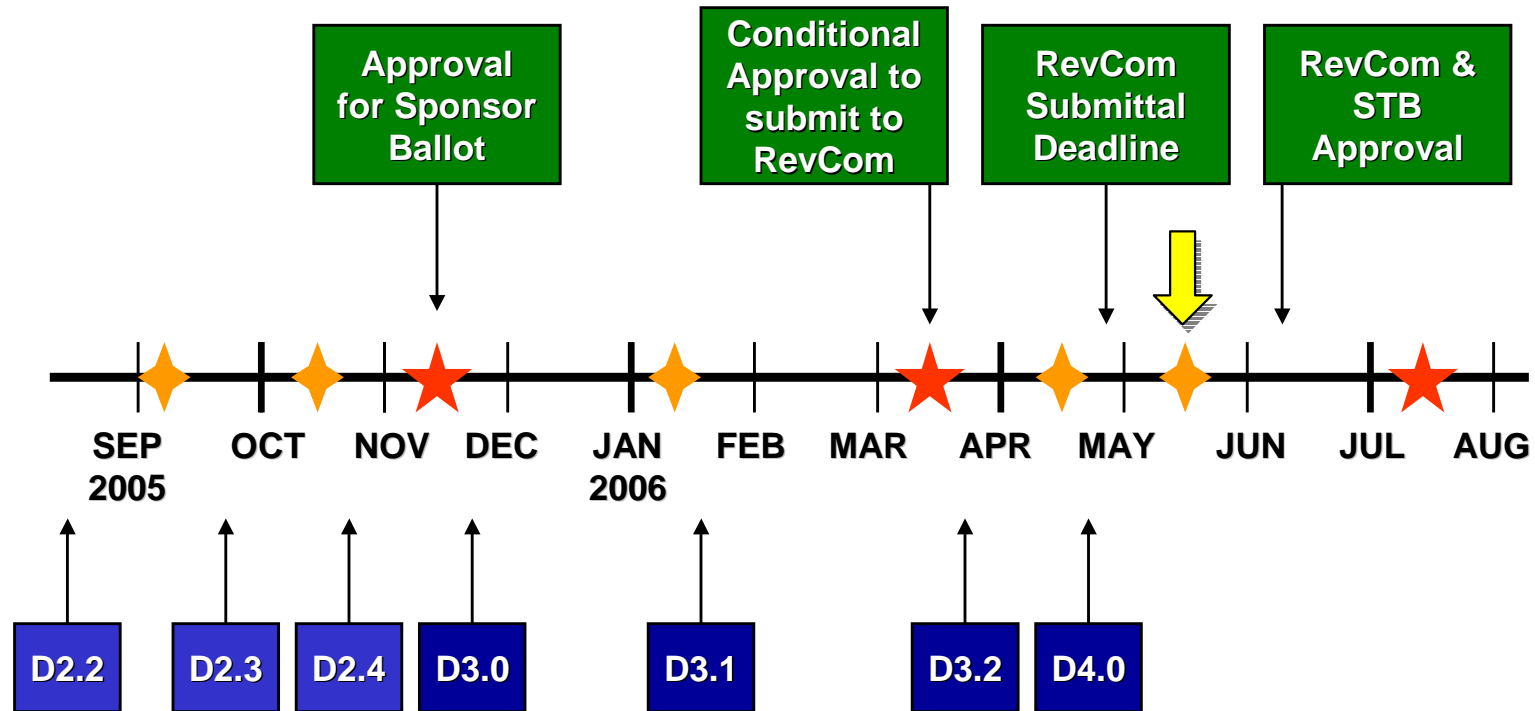
Standard Approval



P802.3an Timeline



P802.3an Timeline Magnified



◆ Interim Meeting ★ Plenary Meeting

Comment Resolution

Motions

Future Meetings

- **If complete, no 802.3an meetings!**
- **July 2006 Plenary**
 - **Date: Week of July 17th**
 - **Location: San Diego, CA**
 - **Goal: 802.3an's last report at the 802.3 opening session**

Thank You!