

Big Ticket Items (updated)

Bill Delveaux – Cisco

update to original presentation in Geneva, May 2007 (diab_schindler_1_0507.pdf)

Agenda

- **Review progress-to-date**
- **Where the Task Force is in the process**

- **Review a list of “Big Ticket Items”**
- **Is there anything we need to add/remove/change**
- **List accepted by group**

- **Recommendations**

Progress to date

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- CFI November 2004
- PAR approved Sept 2005
- We are at D1.0

- **Constraints**

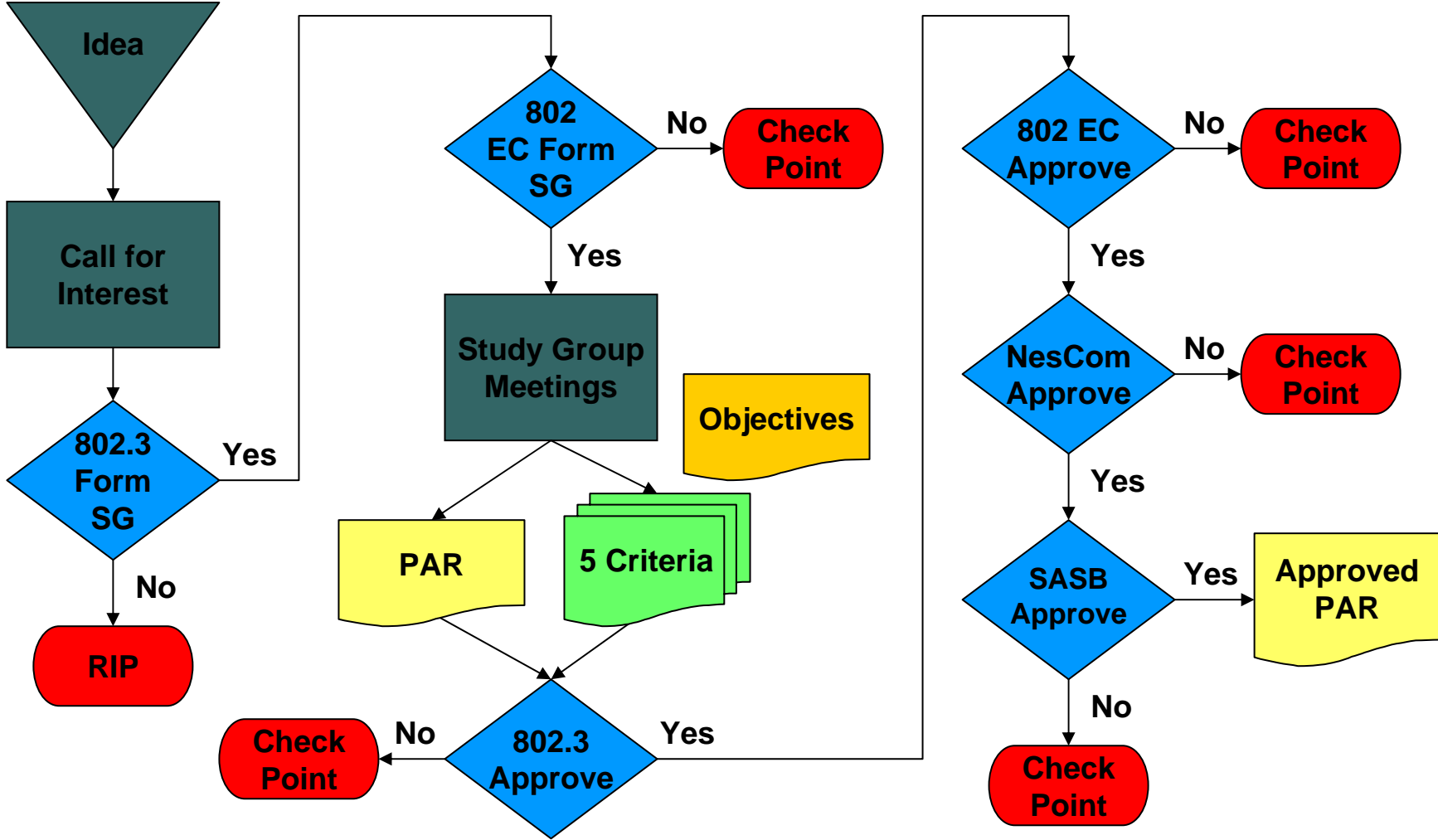
- 14 objectives
- PAR runs out **December 2009** (Less than 2 years)

- **What does this mean**

- Process wise we have to get a move on
- Similar projects have required 1 – 1.5 years for WG/EC ballot
- 802.3af took ~ 3 years from first draft to ratification
- We don't want to lose steam in the market place
- Bottom line: We are behind schedule!

Overview of IEEE 802.3 Standards Process (1/5)

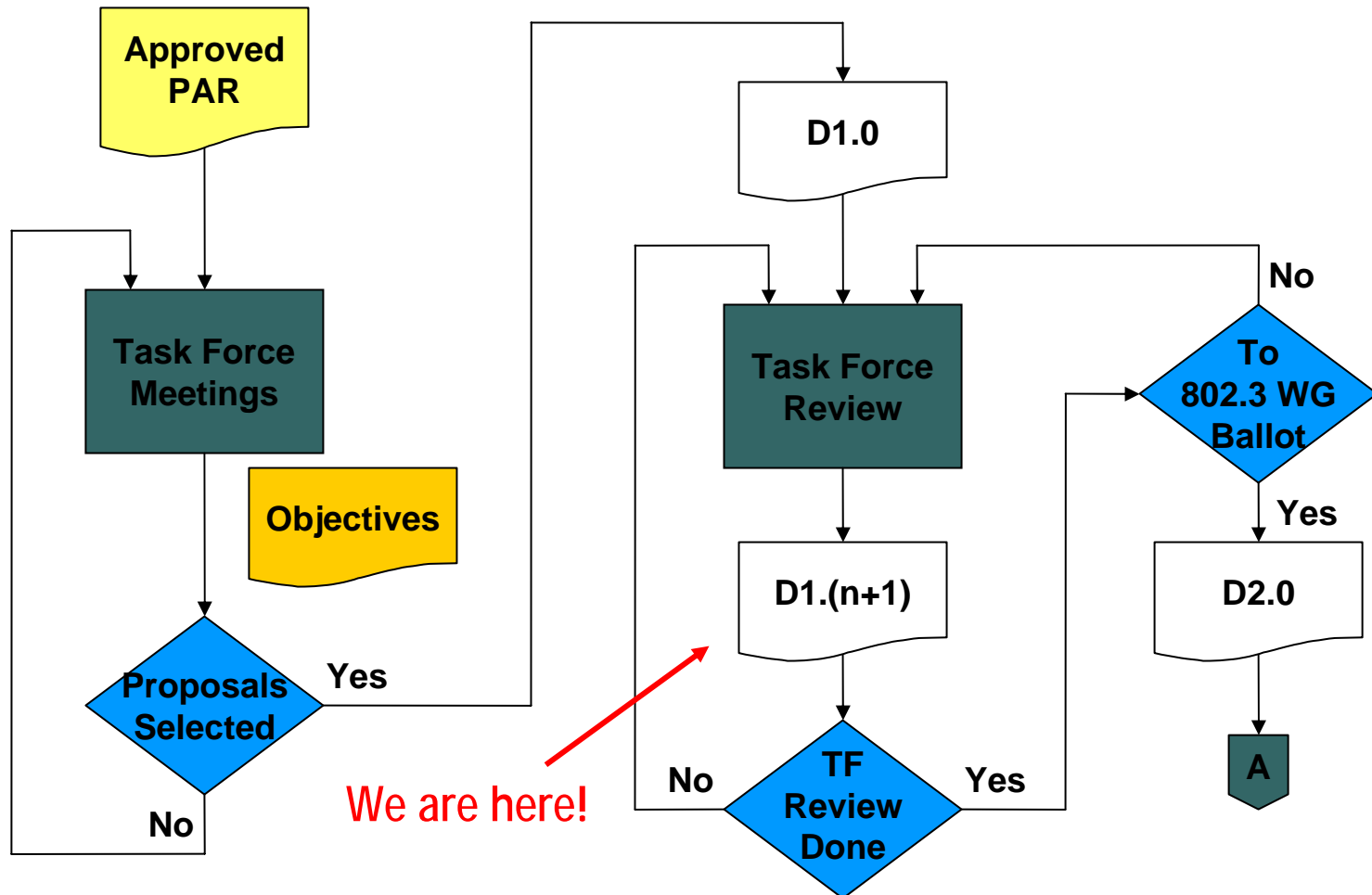
Study Group Phase



Note: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

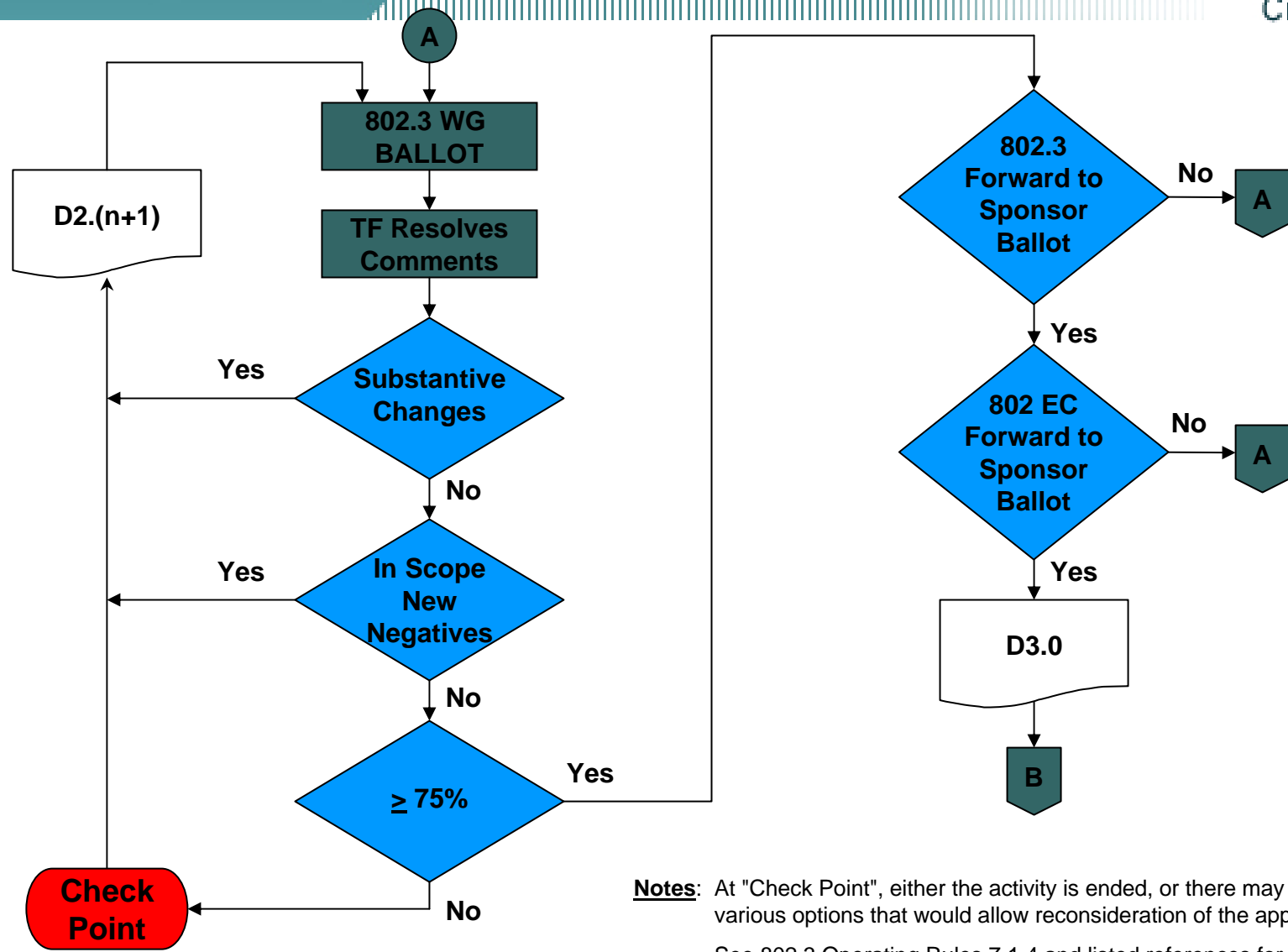
Overview of IEEE 802.3 Standards Process (2/5)

Task Force Comment Phase



Overview of IEEE 802.3 Standards Process (3/5)

Working Group Ballot Phase

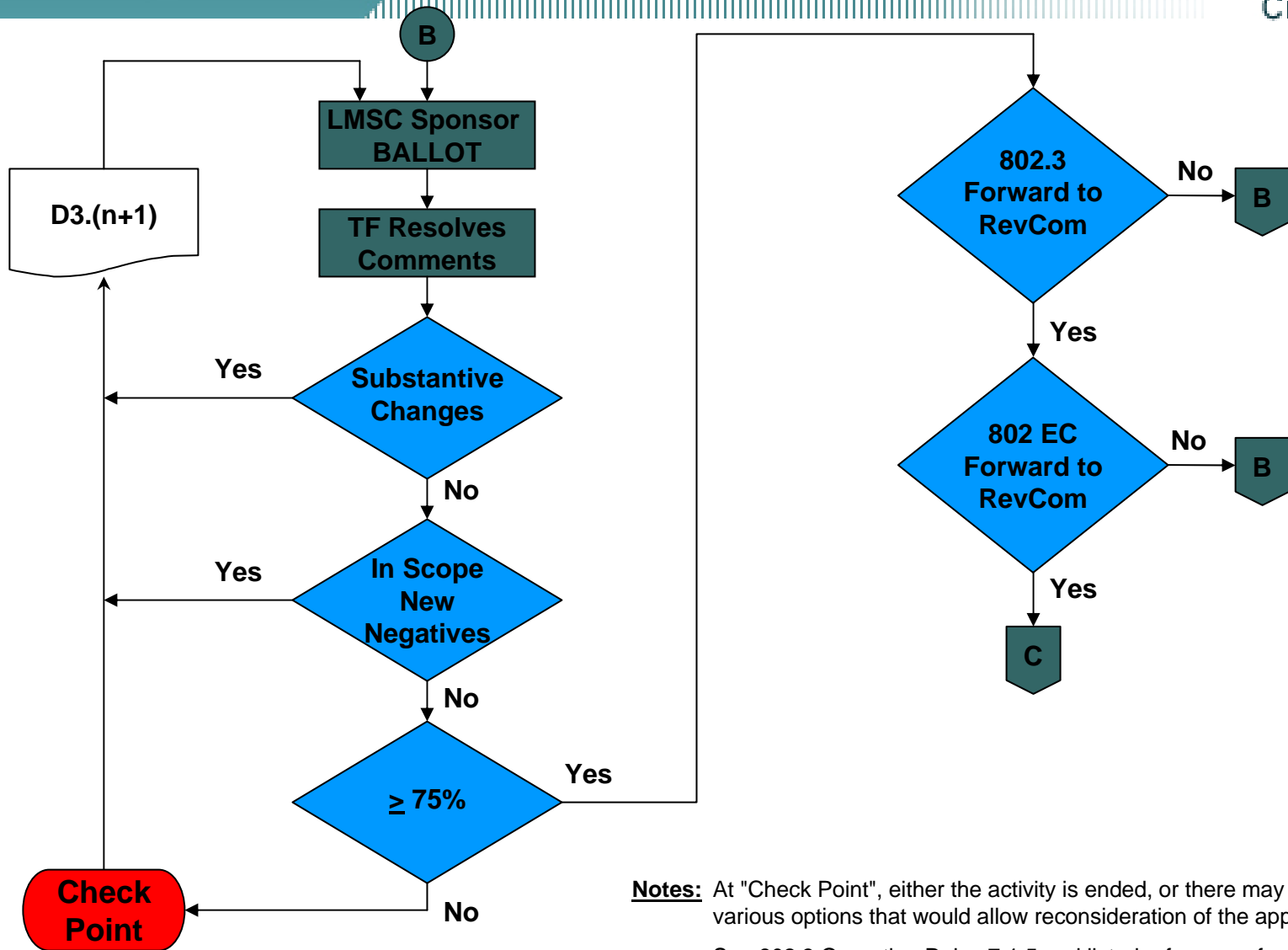


Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

See 802.3 Operating Rules 7.1.4 and listed references for complete description

Overview of IEEE 802.3 Standards Process (4/5)

Sponsor Ballot Phase

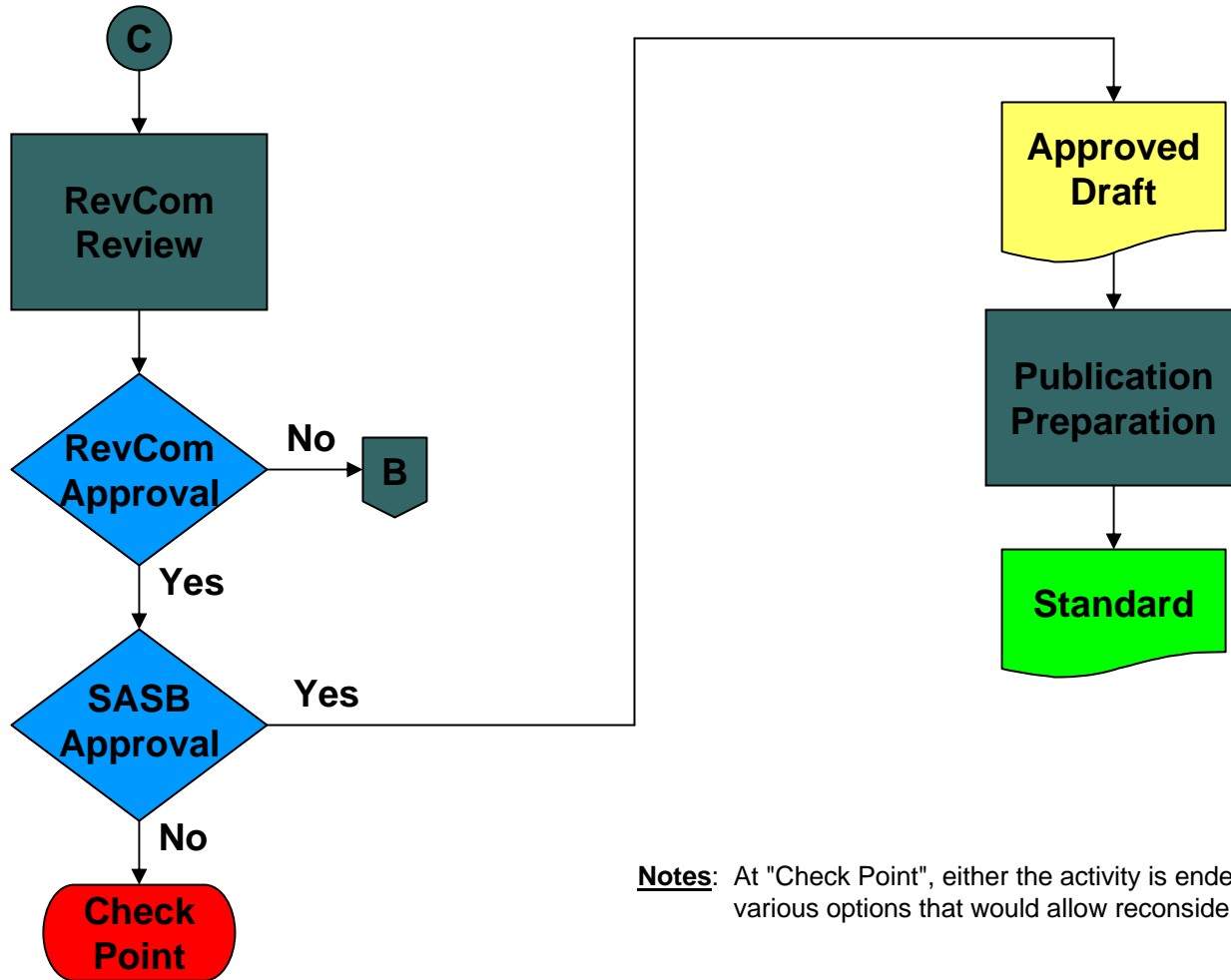


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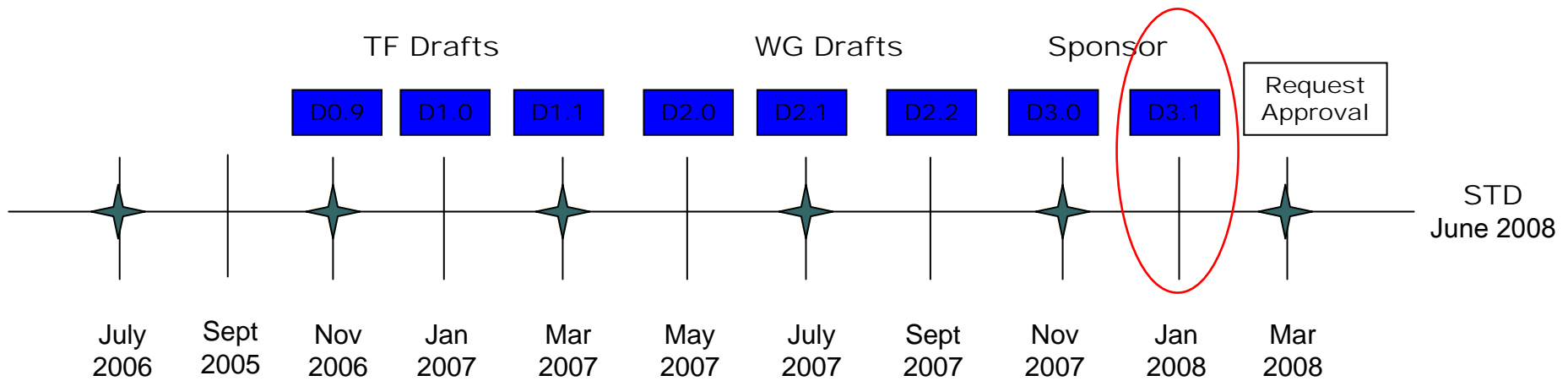
Overview of IEEE 802.3 Standards Process (5/5)

Final Approvals and Standard Release



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Timeline



↑
First WG draft

↑
**We are here
...no WG draft**

↑
**What happens
here??**

**Adopted by the Task Force
Vote: 41/2/0.**



Big Ticket Items

- **Baselines**
 - **L1 Classification – Clay**
 - **L2 Classification – Wael**
 - **Power/Current – outside groups**
 - **Dynamic Voltage and Current – Fred**
 - **Midspans – Yair**
- **L1 Classification work**
 - **State Diagrams - Clay**
 - **PD – Clay**
 - **PSE – Clay**
- **L2 Classification mechanism**
 - **TLVs in 802.3 – Wael**
 - **State machines in 802.3 – Wael**

Big Ticket Items, continued

- **Liaisons - assigned**
- **Cabling**
 - current/temperature
- **Midspans – Yair**
 - Channel Model
- **Editorial Items**
 - PICs – Gerry Nadeau
 - State diagram review – Bob Grow
- **4 pair - Yair**

Big Ticket Items, continued

- **Management outside of Layer 2 – David Law**
- **Magnetics**
 - **Common channel model - Fred**
 - **Imbalance - Fred**
 - **350 uH requirement – David Law**
- **Document structure – Matt Landry**
 - **Maintenance vs. .3af enhancements vs. New Material**

Recommendations

- **Does everyone agree with status of Big Ticket items above?**
- **Match objectives to baseline**
 - **Verify no open “holes”**
 - **Publish Web page**
 - **Present data in Orlando**
- **Continue to drive adhoc**