802.3ar Frame Expansion

Ad-hoc Agenda &
General Information

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13 July 2004

Agenda

- **Welcome and Introductions**
- **Appoint/Volunteer Recording Secretary**
- **Goals for this Meeting**
- **Reflector and Web**
- **Ground Rules**
- **IEEE**
  - **Structure**
  - **Bylaws and Rules**
  - **Call for Patents**
  - **IEEE Standards Process**
- **Presentations**
- **Draft liaison responses**
- **Motion Madness**
- **Future Meetings**

Goals for this Meeting

- **Review/finalize PAR/5 criteria**

- **Review presentations on impact to existing networks, if any**

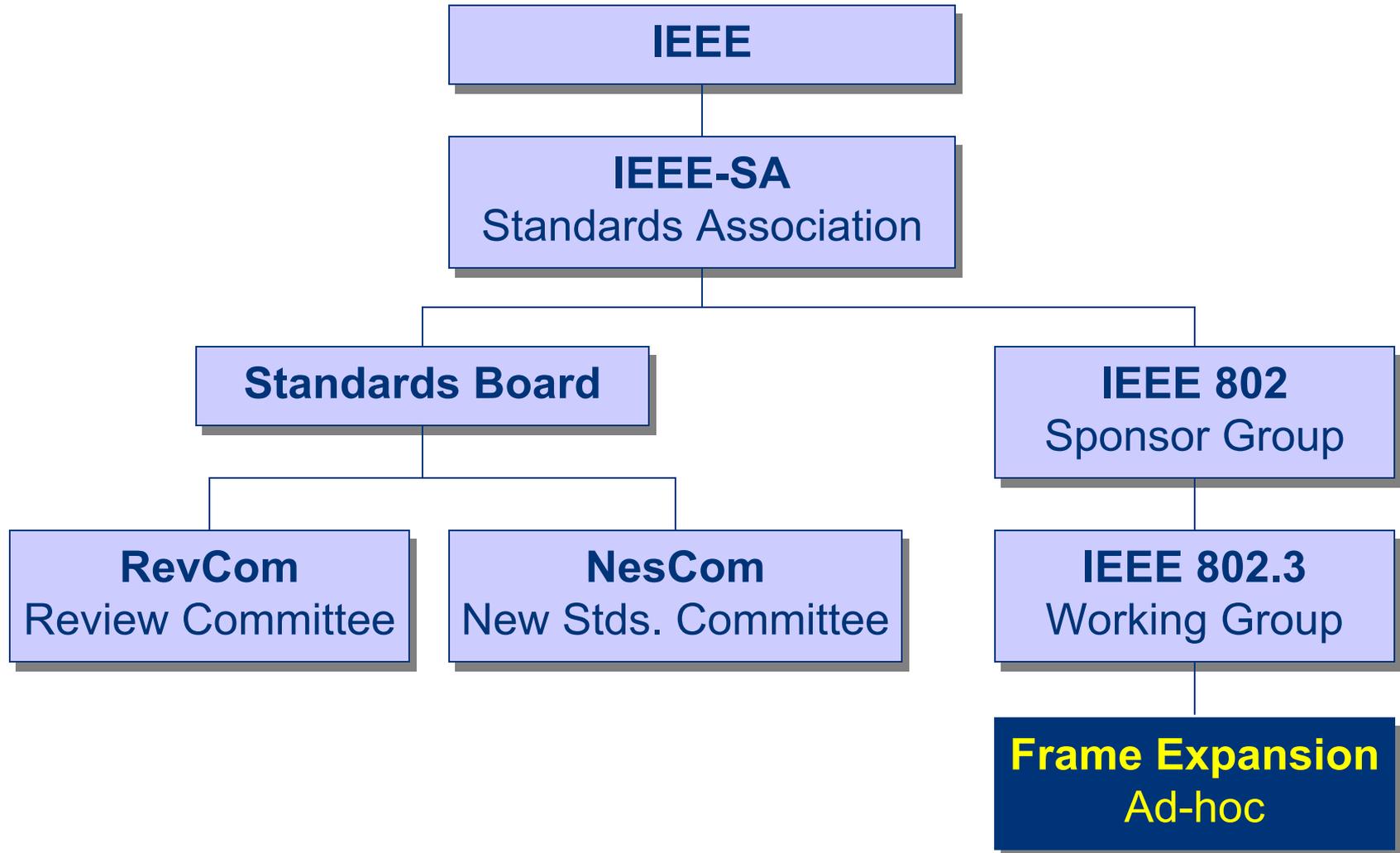- **Review presentations on proposed changes to current standard**

- **Website:**

  http://www.ieee802.org/3/frame_study/index.html

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 Structure


```
              IEEE
               |
            IEEE-SA
      Standards Association
       /              \
Standards Board      IEEE 802
   /      \        Sponsor Group
RevCom    NesCom        |
Review    New Stds.  IEEE 802.3
Committee Committee  Working Group
                        |
                  Frame Expansion
                      Ad-hoc
```

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-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.
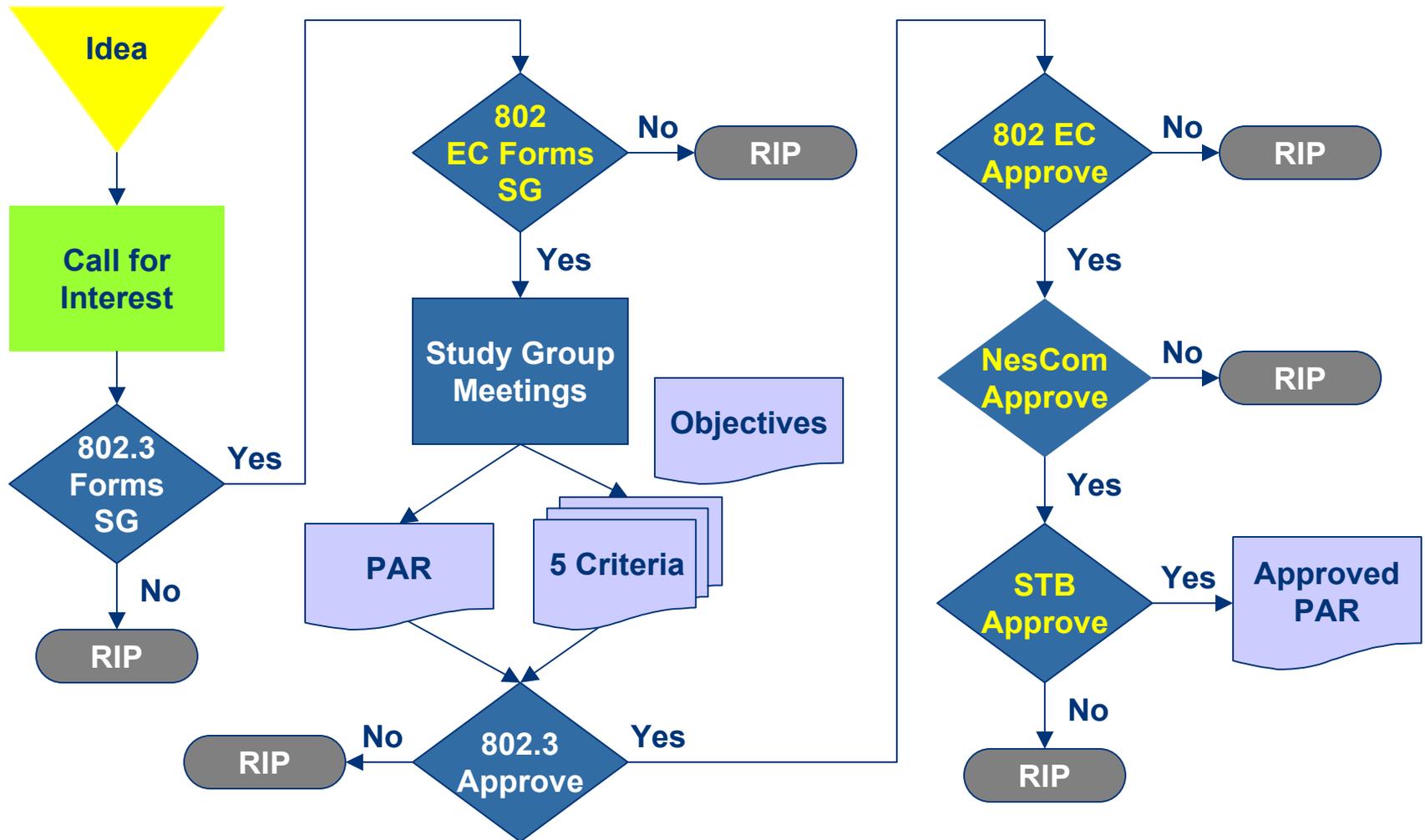
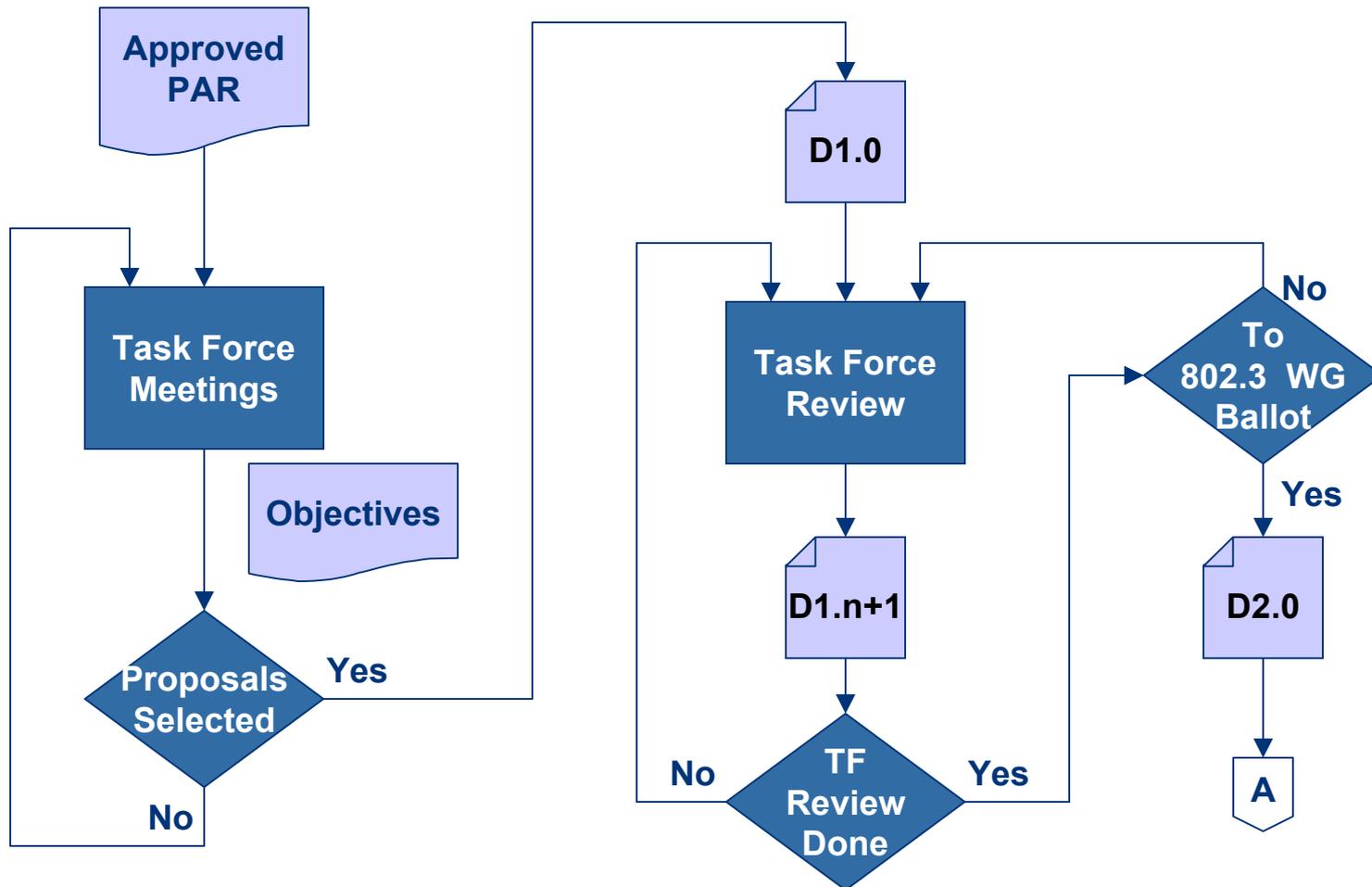Approved by IEEE-SA Standards Board – December 2002

Inappropriate Topics

■ **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**

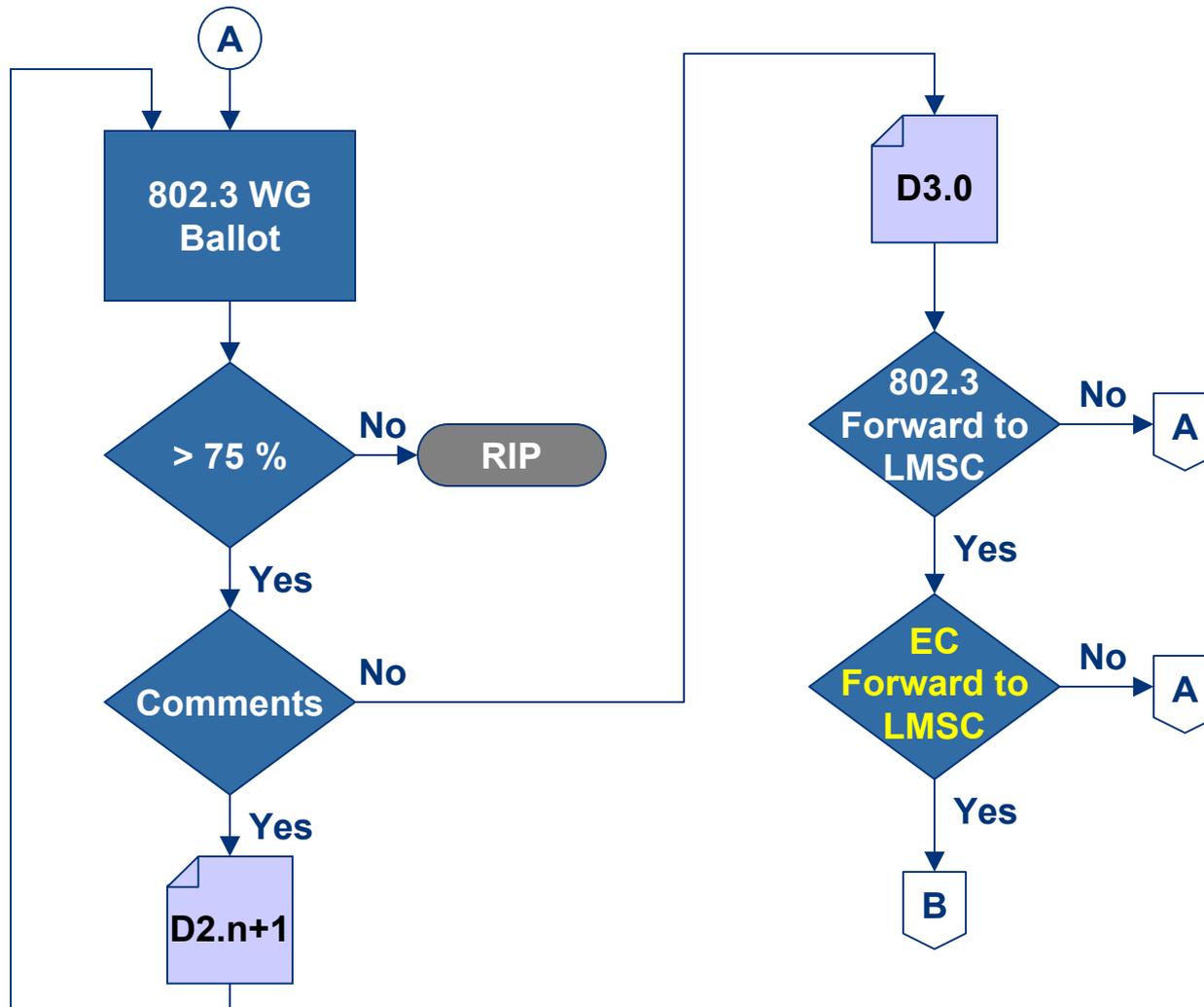**Approved by IEEE-SA Standards Board – December 2002**
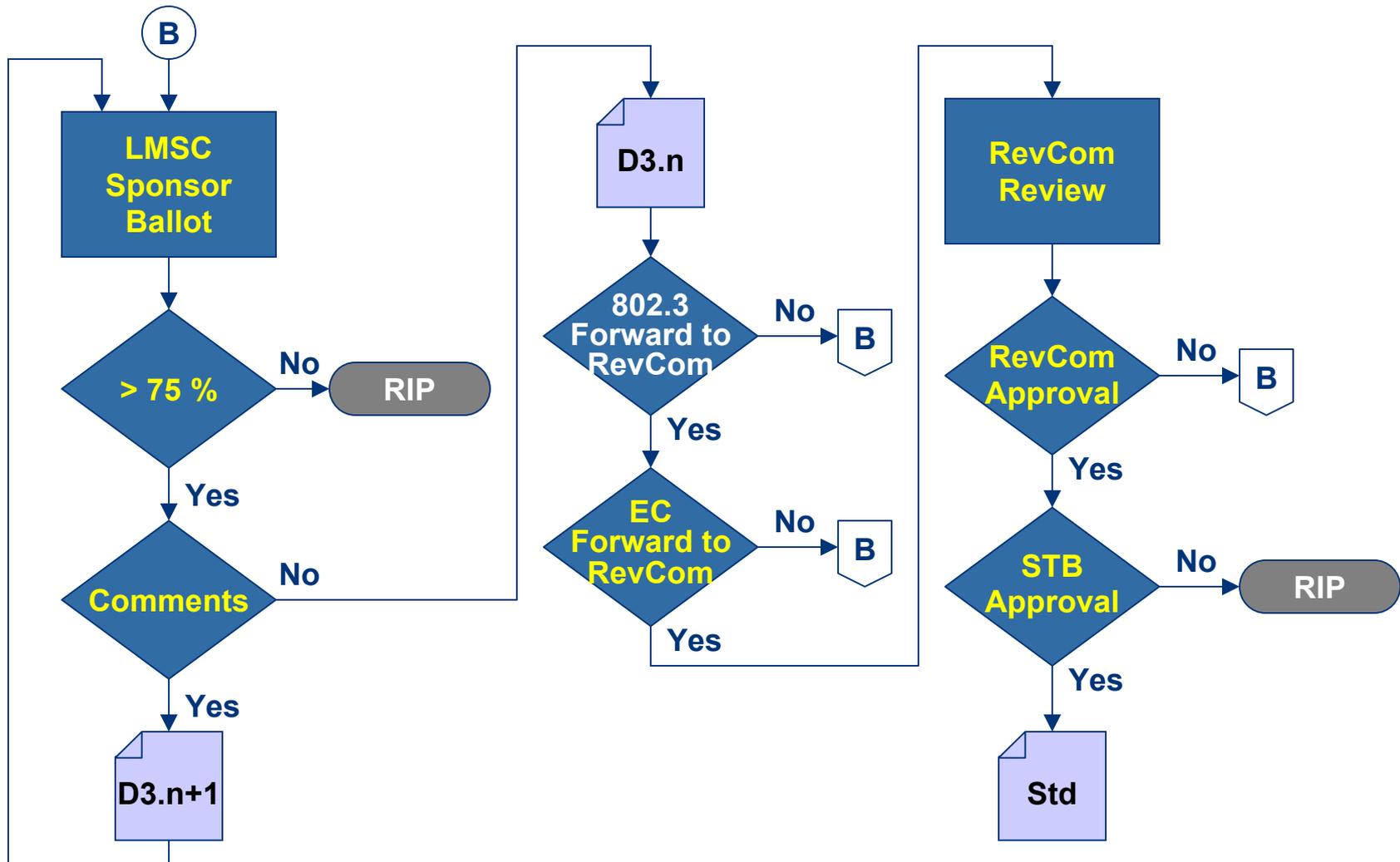
IEEE Standards Process (1/4)

IEEE Standards Process (2/4)
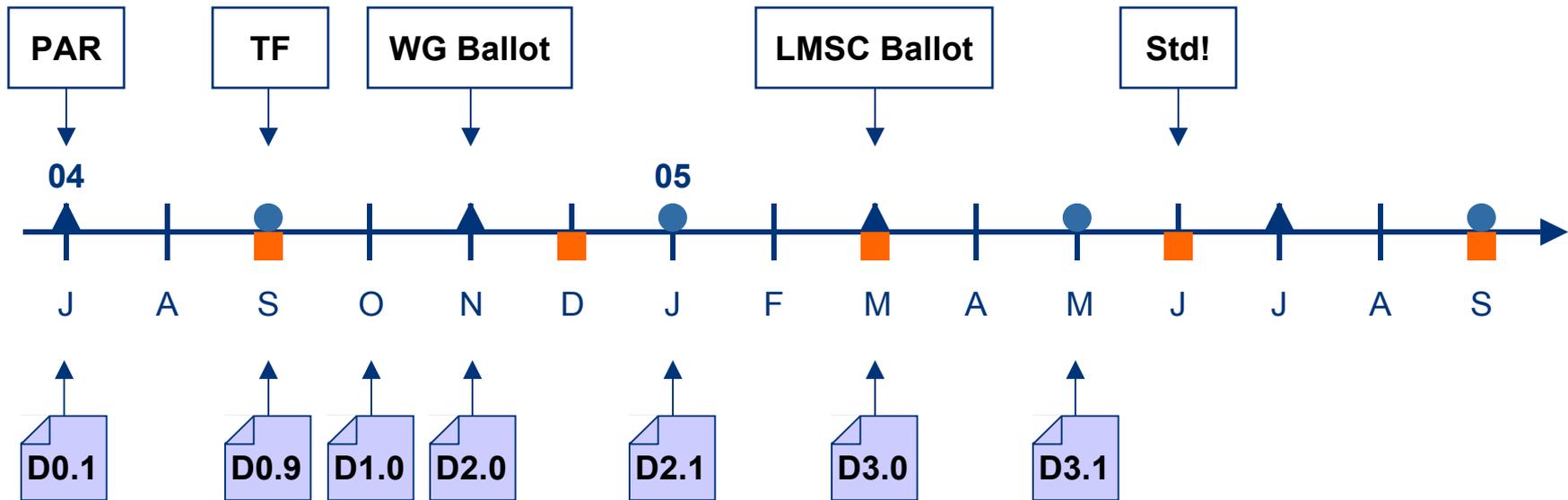
IEEE Standards Process (3/4)

IEEE Standards Process (4/4)

Study Group

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

Possible 802.3ar timeline

PAR		TF		WG Ballot			LMSC Ballot		Std!

04   **05**

J A S O N D J F M A M J J A S

D0.1   D0.9 D1.0 D2.0   D2.1   D3.0   D3.1

Legend

▲ IEEE 802 Plenary

● IEEE 802.3 Interim

■ IEEE-SA Standards Board

Presentations *(as of July 8th)*

Presenter	Topic	Start	Len
K. Daines	Ad-hoc announcement (daines_1_0407)	0830	20m
D. Martin	ITU-T liaison background (martin_ar_1_0407)	0850	20m
K. Daines	802.3ac Recap (daines_ar_2_0407)	0910	10m
K. Daines	Project Kickoff (802.3ar_project_kickoff)	0920	20m
K. Daines	Scope of 802.3ar (daines_ar_1_0407)	0950	10m
break		0950	25m
K. Daines	Draft PAR & 5 criteria (802.3ar_draft_PAR_5_criteria)	1015	105m
Lunch		1200	90m
P. Thaler	Impacts to existing networks (thaler_ar_1_0407)	1330	30m
K. Daines	Proposed changes to Clause 3 (daines_ar_3_0407)	1400	15m
G. Parsons	Proposed changes to Clause 4 (parsons_ar_1_0407)	1415	15m
		1430	
break		1500	30m

Thank you!