
IEEE 802.3ah

Ethernet in the First Mile

Task Force

Agenda and General Information

Delta Ottawa Hotel and Suites, Ottawa
24-June-2003



Ethernet in the First Mile
IEEE 802.3ah Task Force



Agenda

- **Welcome and introductions**
- **Objectives for this meeting**
- **Reflector and WWW site**
- **Call for Patents**
- **IEEE standards process**
- **Development schedule**
- **Reviewing D1.732**
- **Liaison letter(s)**
- **Sub Task Force reports**
 - **P2MP**
 - **Optics**
 - **OAM**
 - **Copper**
- **Motion madness**
- **Reviewing D1.9**
- **Preparing for Working Group ballot**
- **Future meetings**

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- Michael Beck, Copper Editor, *michael.beck@alcatel.be*
- Ben Brown, Logic Editor, *benjamin.brown@ieee.org* Affirmed by 802.3ah 15-May-2003

Objectives for this meeting

- Respond to and close all comments
- Make the 10PASS-TS line code decision
- Authorize the creation of IEEE Draft P802.3ah/D1.9
- Prepare for Working Group Ballot



Reflector and web

- To subscribe to our reflector(s), send email to:

majordomo@ieee.org

and include one or more of the following
in the *body of the message*:

subscribe stds-802-3-efm <your email address>

subscribe stds-802-3-efm-copper <your email address>

subscribe stds-802-3-efm-p2mp <your email address>

subscribe stds-802-3-efm-p2p <your email address>

subscribe stds-802-3-efm-oam <your email address>

- Our email reflector policy is described at:

<http://www.ieee802.org/3/efm/reflector.html>



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Reflector and web

- Our web site is located at:

<http://www.ieee802.org/3/efm>

- Our private web site is located at:

<http://www.ieee802.org/3/efm/private>

username:

password:

**This is where we keep our draft documents, and
where a set of ITU-T recommendations and drafts is stored**

Do NOT distribute this URL, username and password

Do NOT copy or distribute the documents on this site

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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.



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Inappropriate Topics for IEEE WG Meetings

- 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**

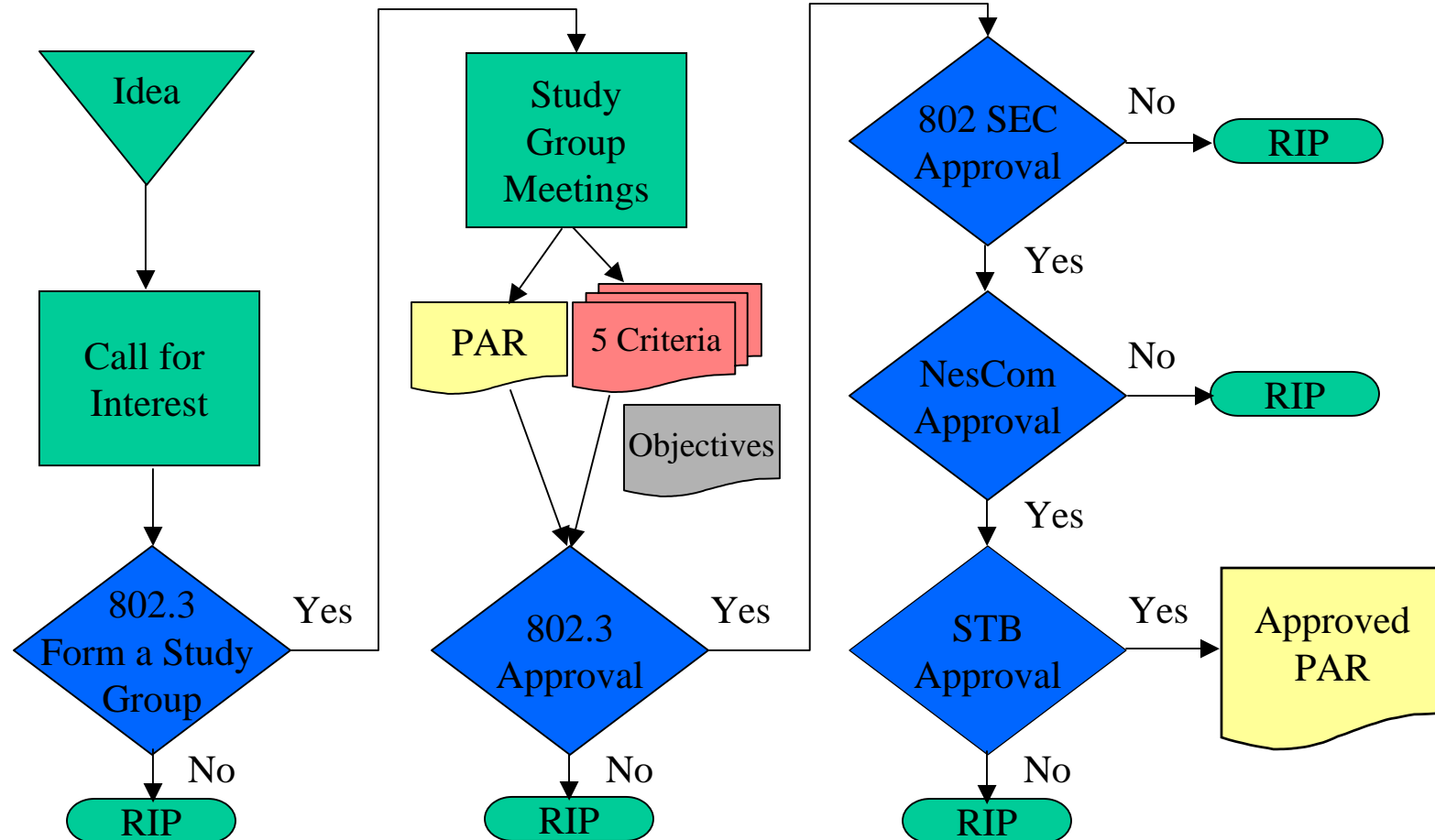


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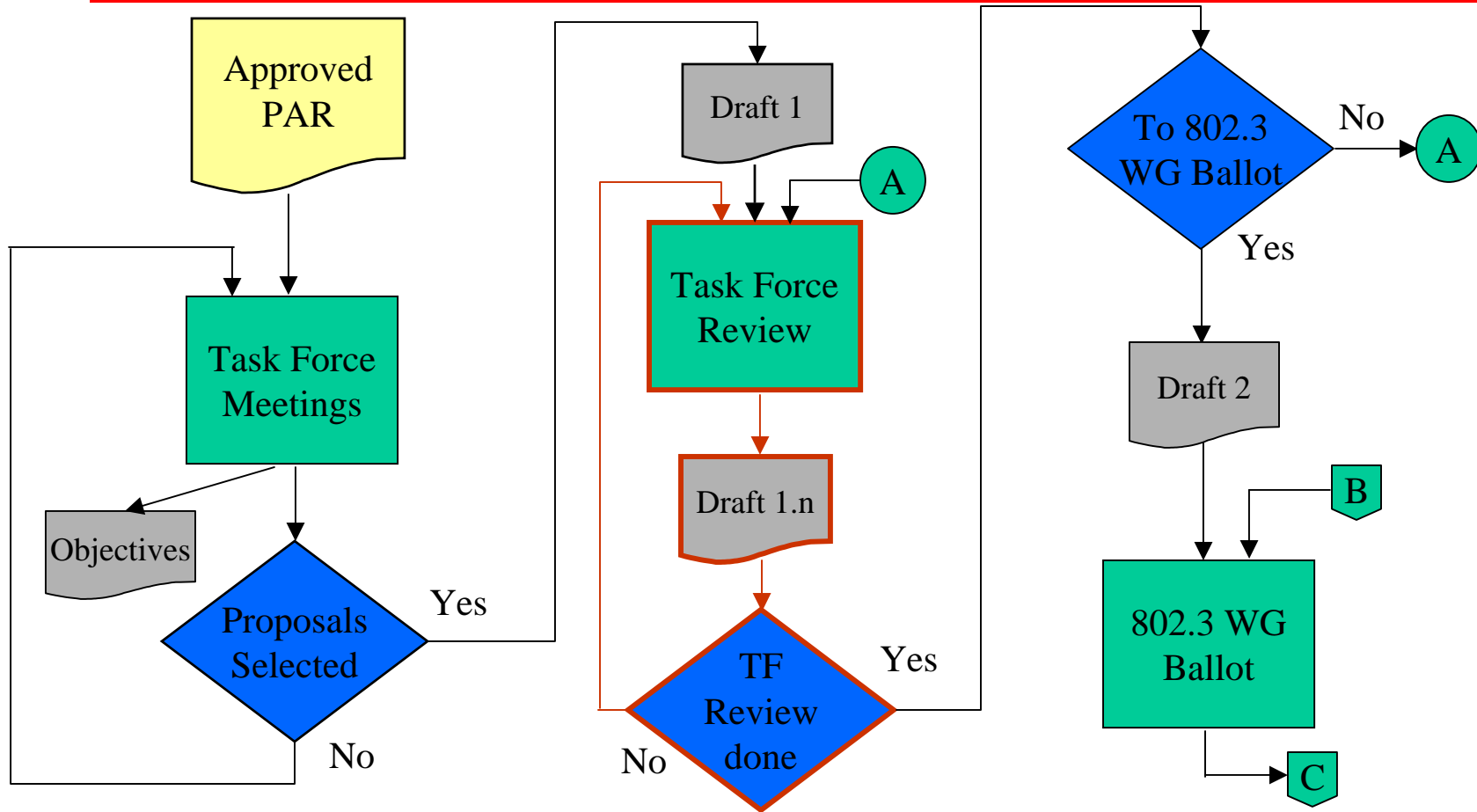
Approved by IEEE-SA Standards Board – December 2002

IEEE standards process



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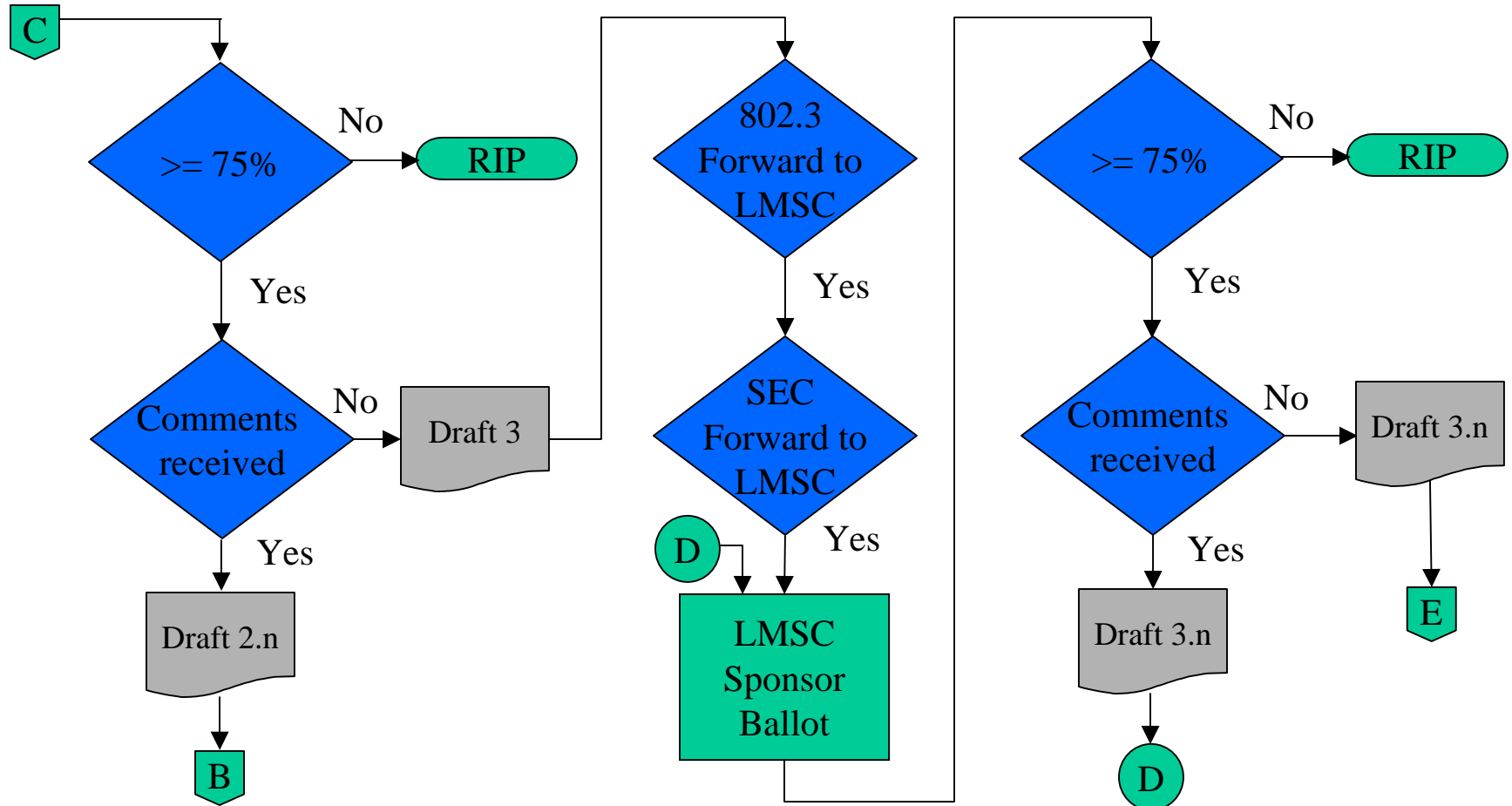
IEEE standards process



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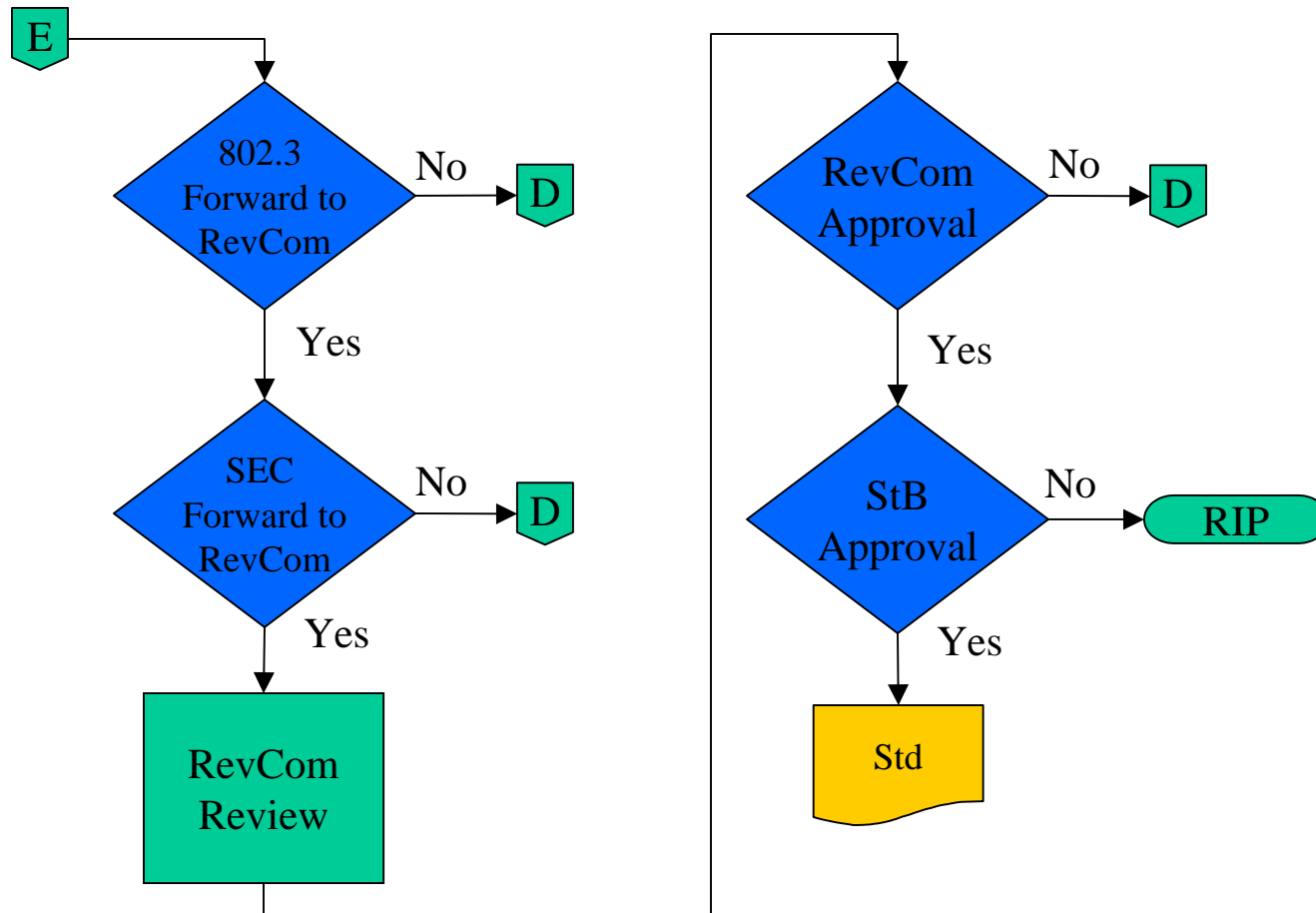


IEEE standards process



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IEEE standards process



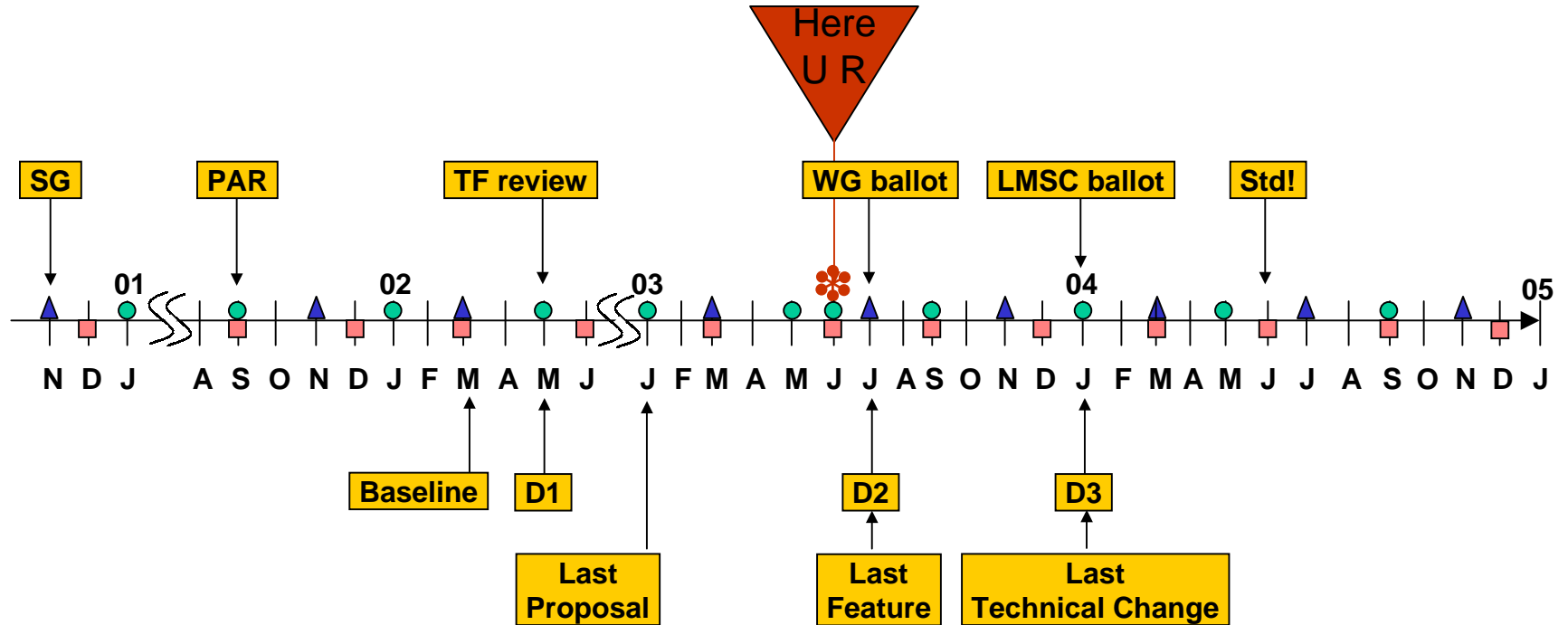
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Development schedule

- **We will stay on track IFF:**
 - **We resolve all of our comments at this meeting!**
 - **We make a 10PASS-TS line code decision today!**



Adopted timeline



-  T1E1 Decision
-  802 Plenary
-  802.3 Interim
-  IEEE-SA Standards Board

Adopted by IEEE 802.3ah 9-January-2003



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Reviewing draft D1.732

- Our editors produced IEEE P802.3ah/D1.732 using D1.414 plus the comments that we resolved in Seoul, highlighting the changed material
- The number of comments decreased substantially between D1.414 and D1.732 (~1500 -> ~530, a good thing)
- We must adopt a response to each comment



Liaison letters

- Letter received from T1E1



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Reviewing draft D1.9

- **Our editors will carefully produce IEEE Draft P802.3ah/D1.9 after this meeting, based on the adopted comment responses**
- **We will offer this draft to the IEEE 802.3 CSMA/CD Working Group for ballot at the July meeting**
- **We will not solicit comments on D1.9**



Preparing for WG ballot

- **The IEEE 802.3 CSMA/CD Working Group will initiate a working group ballot on our draft IFF:**
 - The draft is complete with no open technical issues
 - The draft is made available for preview by 14-July
 - Any and all textual changes from the preview draft are reviewed at the Thursday closing plenary
 - The draft is properly formatted
- **We must also demonstrate that the 5 Criteria and the project objectives are being met**

Preparing for WG ballot

- **The IEEE 802.3 CSMA/CD Working Group ballot follows a very formal process**
 - **Conducted according to IEEE 802.3 and IEEE 802 rules:**
 - http://www.ieee802.org/3/rules/P802_3_rules.pdf
 - <http://www.ieee802.org/rules.pdf>
- **Voting members of the working group are entitled and obligated to review, comment, and vote on the draft**
- **The TF chair & editor may submit comments on behalf of observers**
- **The ballot and comment resolution process is deterministic**
 - **On the 35 day initial ballot everything in the draft is open for comment**
 - **On 15 day recirculation ballots only the changes, the areas effected by the changes, and the unresolved negative comments, are fair game for comments**

Future meetings

- **21-24 July, 2003, San Francisco, CA - IEEE 802 Plenary**
- **15-18 Sep, 2003, Ancona, Italy, hosted by Aethra**
- **10-13 Nov, 2003, Albuquerque, NM - IEEE 802 Plenary**
- *need host for January, 2004 interim meeting*