
IEEE 802.3ah

Ethernet in the First Mile

Task Force

Agenda and General Information

Astor Crowne Plaza Hotel
New Orleans, LA
30-September-2002



Ethernet in the First Mile
IEEE 802.3ah Task Force



Agenda

- **Welcome and introductions**
- **Objectives for this meeting**
- **Reflector and WWW site**
- **Ground rules**
- **IEEE standards process**
 - Timeline and schedule risk
 - Reviewing draft D1
- **Liaison letter(s)**
- **Sub Task Force reports**
- **Presentations**
 - **General**
 - **FEC**
 - **Split into tracks**
 - **P2MP**
 - **Cu**
 - **P2P**
 - **OAM**
 - Evening Session on Security and Encryption
- **Meeting Budget and Survey**
- **Motion madness**
- **Future meetings**



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802.3ah Officers

- Howard Frazier, 802.3ah Chair, millardo@dominetsystems.com
- Gerry Pesavento, P2MP Chair, gerry.pesavento@teknovus.com
- Hugh Barrass, Copper Chair, hbarrass@cisco.com
- Vipul Bhatt, Optics Chair, vipul_bhatt@ieee.org
- Matt Squire, OAM Chair, mattsquire@acm.org
- Ariel Maislos, P2MP Editor, ariel.maislos@passave.com
- Behrooz Rezvani, Copper Editor, behrooz@ikanos.com
- Wael Diab, Optics Editor, wdiab@cisco.com
- Kevin Daines, OAM Editor, kevin.daines@worldwidepackets.com
- Scott Simon, Recording Secretary, ssimon@cisco.com

Objectives for this meeting

- Review IEEE Draft P802.3ah™/D1
- Respond to comments



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 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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Ground rules

- Any one in the room may speak (when recognized by the chair)
- Any one in the room may vote
- R-E-S-P-E-C-T - give it, get it
- No product pitches, no corporate pitches
- No discussion of pricing or prices

Ground rules

- The IEEE-SA's patent policy is set forth in clause 6 of the IEEE-SA Standards Board Bylaws:

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

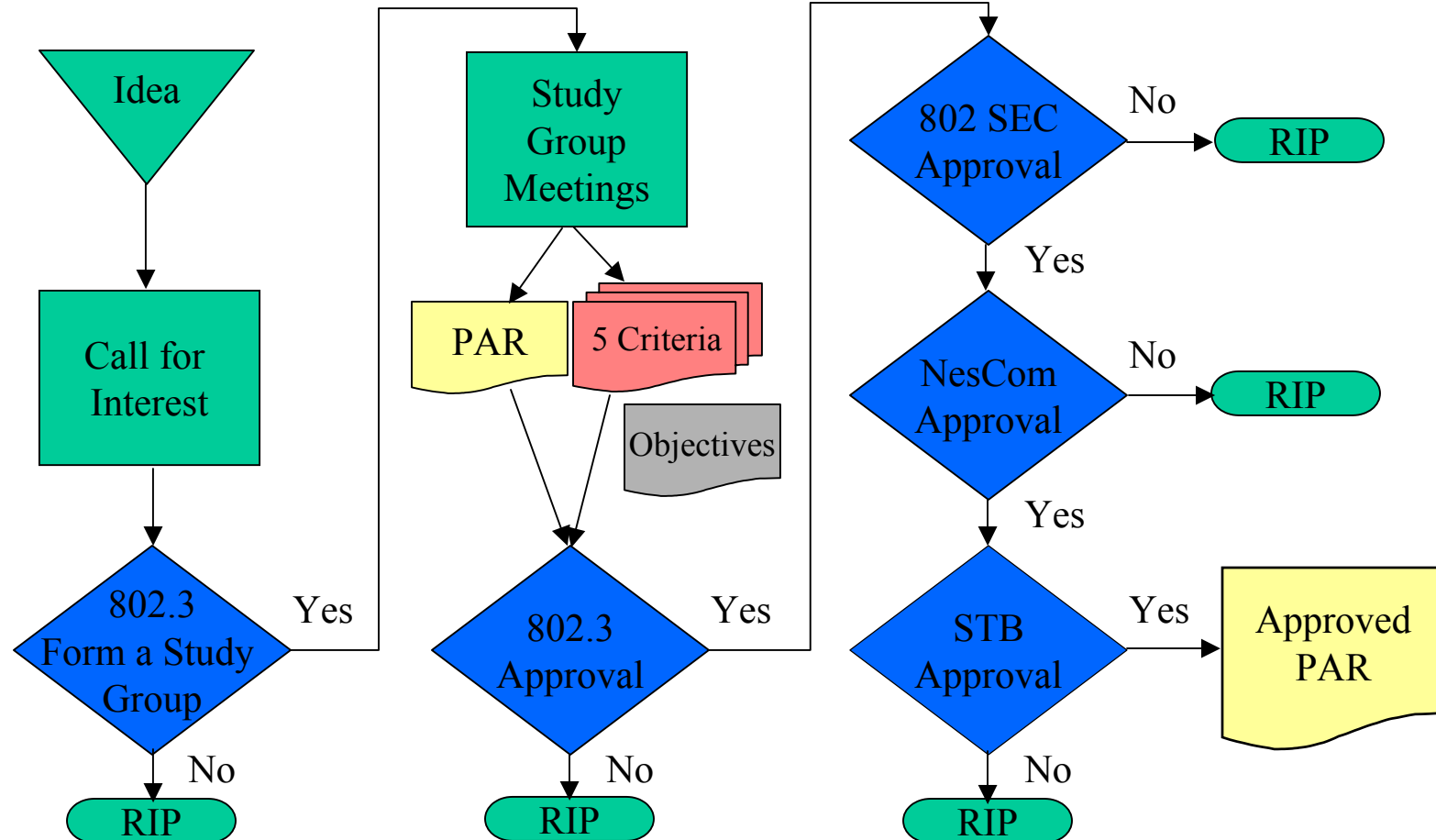
Ground rules

- **Operating rules of the IEEE 802.3 Working Group:**
<http://www.ieee802.org/3/rules/>
- **Operating rules of the IEEE 802 LAN/MAN Standards Committee:**
<http://www.ieee802.org/rules.pdf>
- **Bylaws of the IEEE Standards Association Standards Board:**
<http://standards.ieee.org/guides/bylaws/sb-bylaws.pdf>
- **Bylaws of the IEEE Standards Association:**
<http://standards.ieee.org/sa/sa-bylaws.pdf>

(there will be a quiz at the end of the meeting)

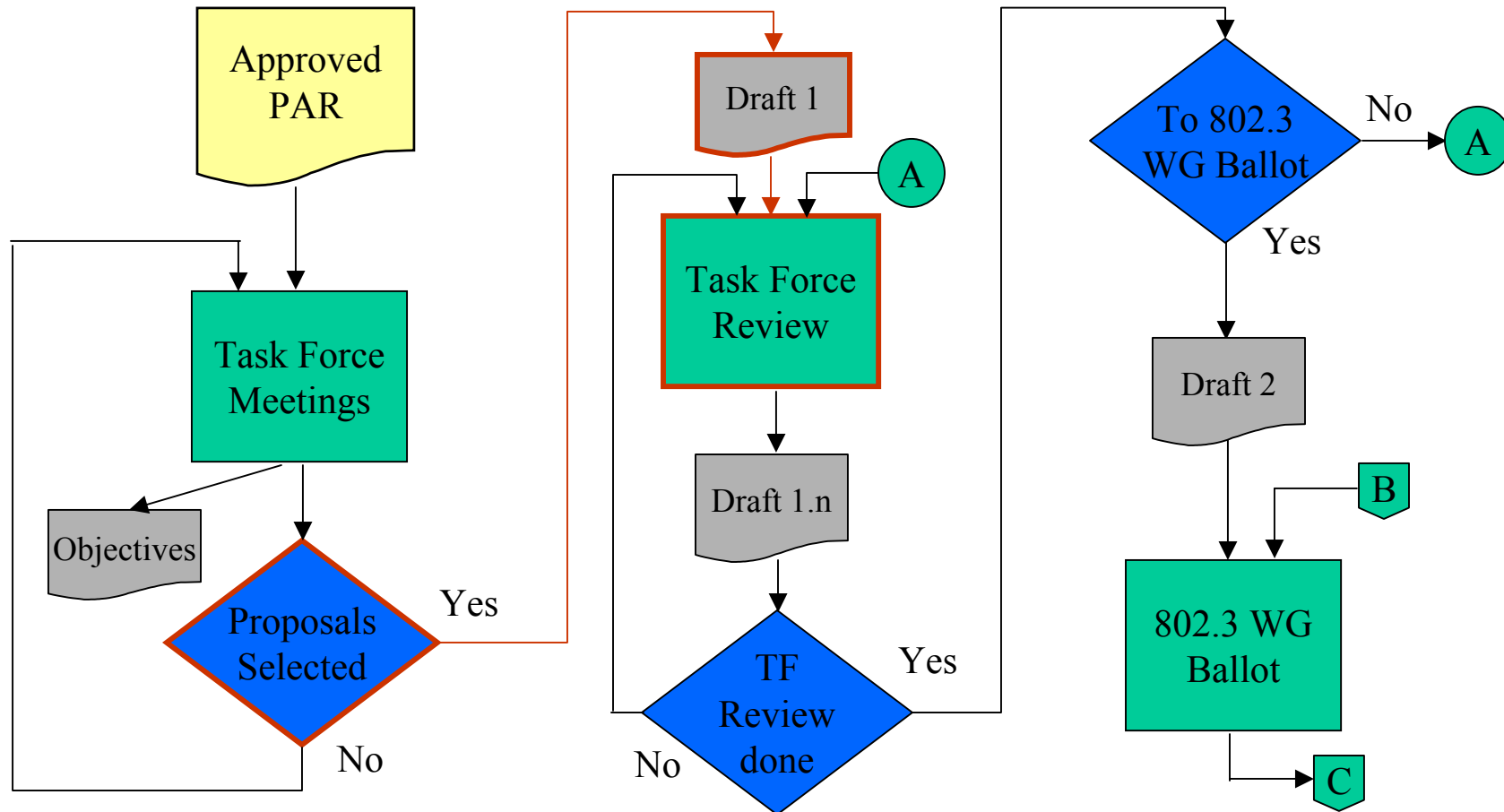


IEEE standards process



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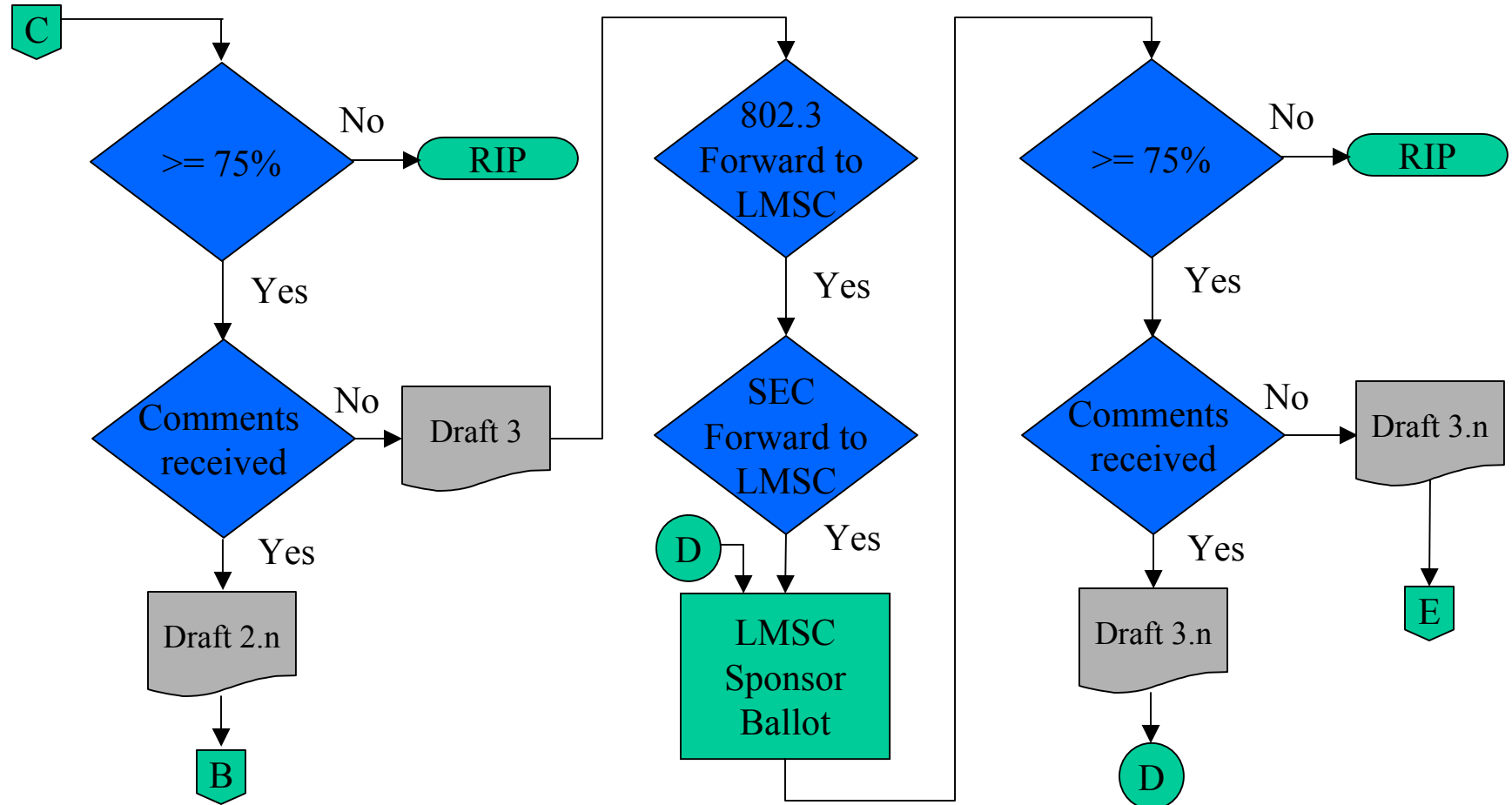
IEEE standards process



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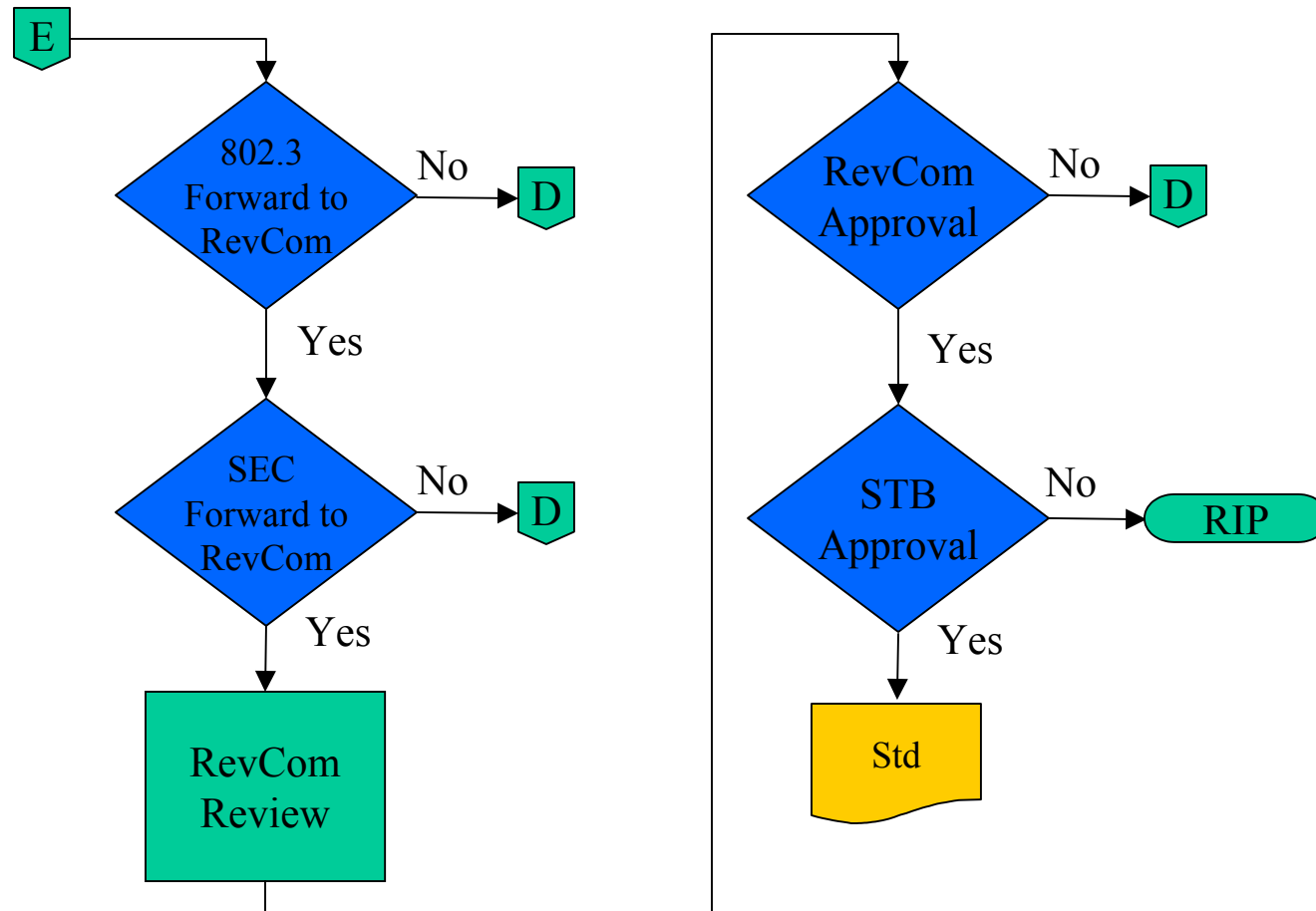


IEEE standards process



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IEEE standards process



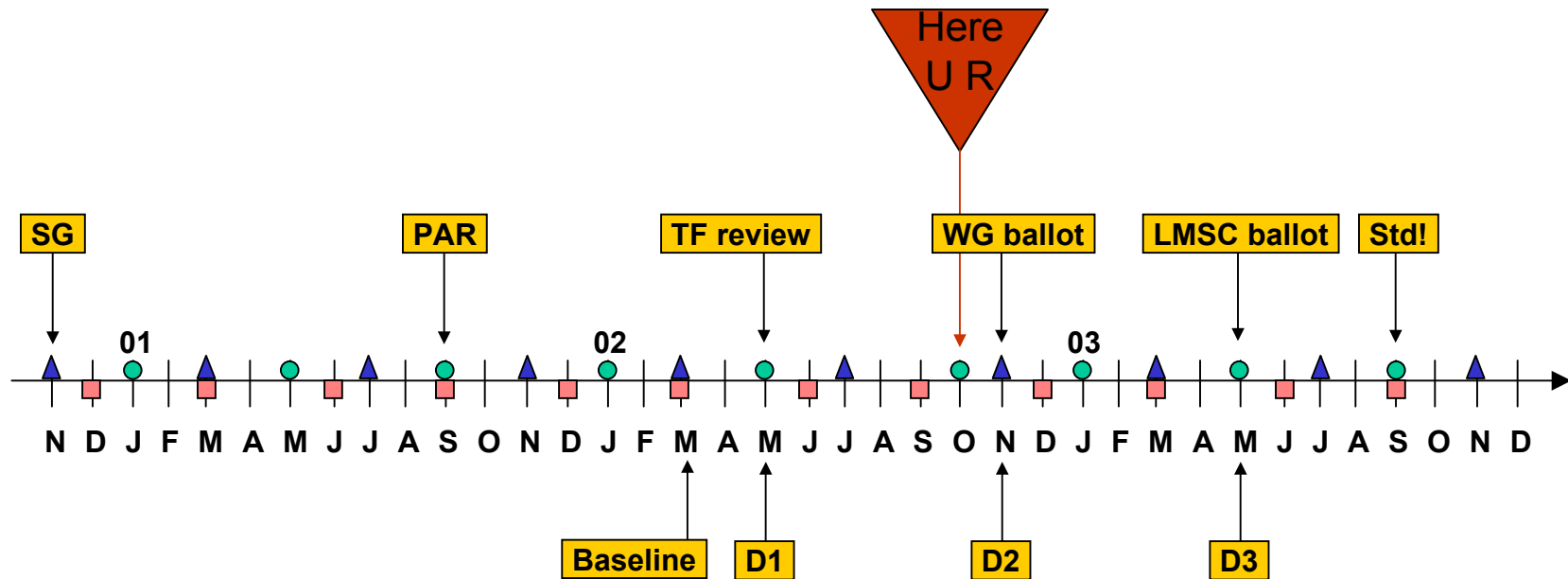
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Schedule risk

- Our schedule will suffer a substantial slip
- The causes for the slip are:
 - **Time frame for decision on 10PASS-T line code**
 - Lack of concensus on 2BASE/PASS-T line code
 - Proposed addition of FEC



Adopted timeline



Vanishingly small probability

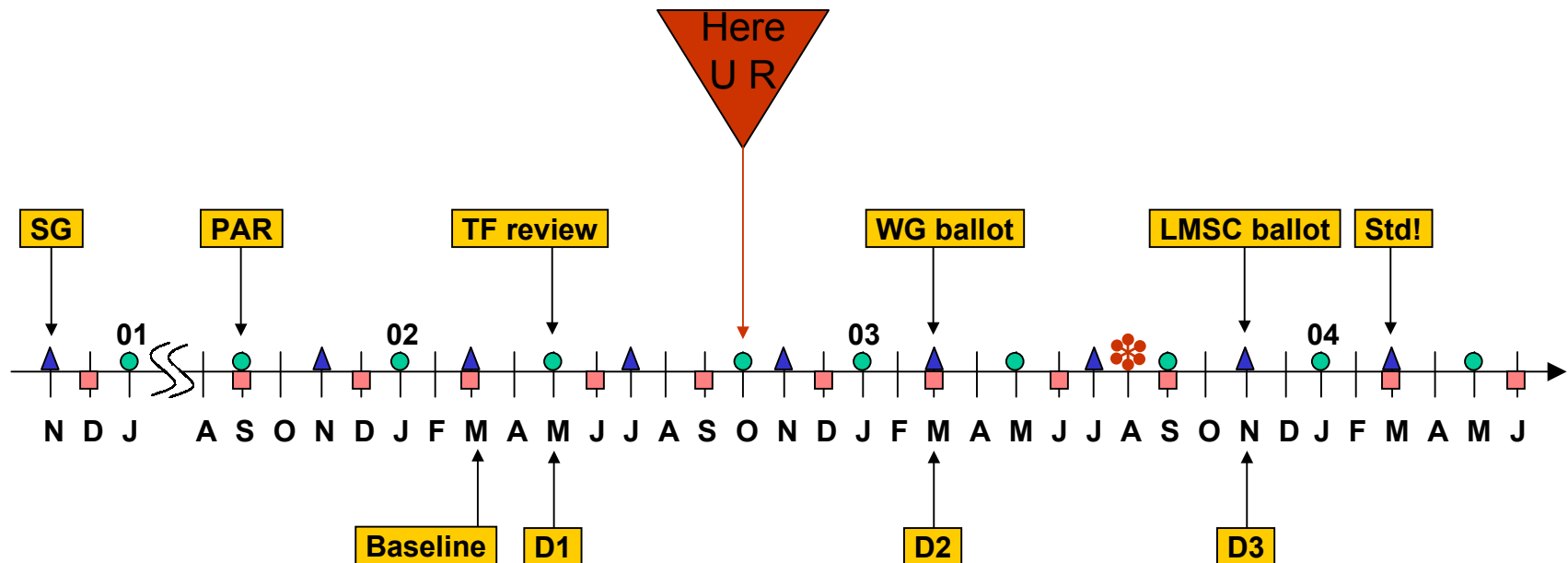
- ▲ 802 Plenary
- 802.3 Interim
- IEEE-SA Standards Board







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Possible new timeline (1)



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

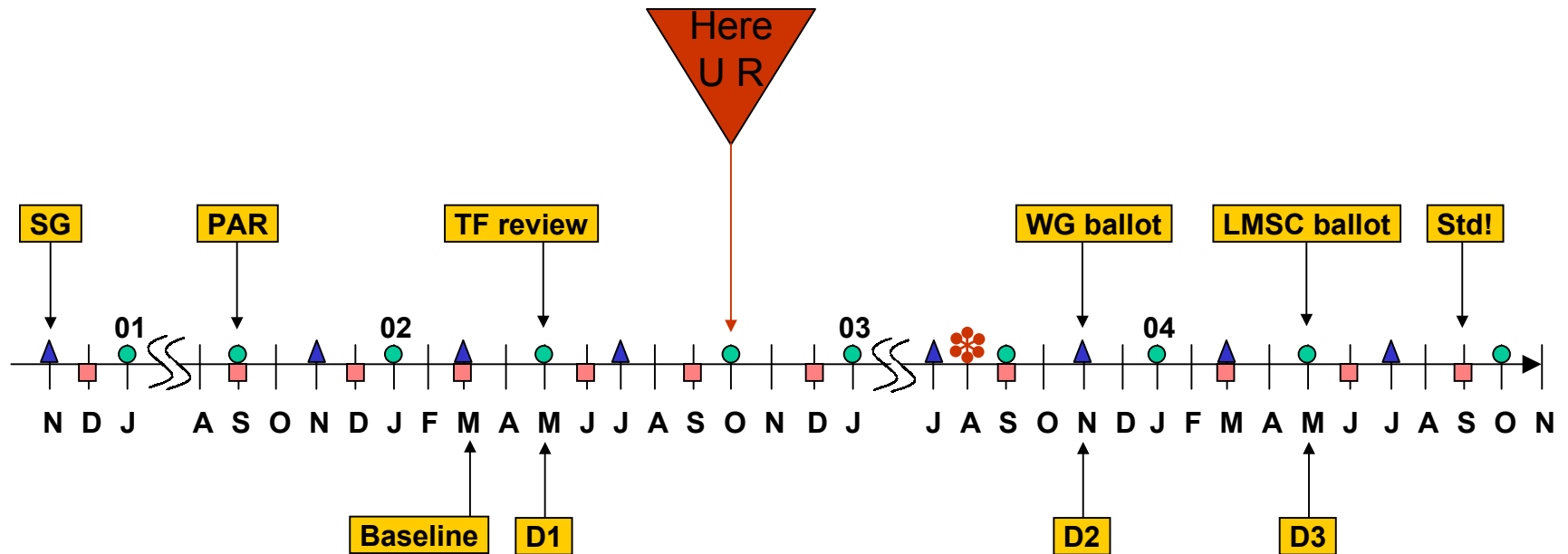
Requires a waiver of 802.3 operating rules to allow us to initiate a working group ballot before selecting the 10PASS-T line code







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Possible new timeline (2)



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

Assumes that 802.3 won't let us conduct the working group ballot until a line code has been selected for 10PASS-T



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Reviewing draft D1

- Our editors have produced P802.3ah/D1, using the baseline proposals we adopted in St. Louis, Edinburgh and Vancouver
- We will review these drafts line by line in the Sub Task Force breakout sessions
- We have received 737 comments on D1 (Thank you!)
- We must craft and adopt a response to each comment
- Our editors will produce P802.3ah/D1.1 after this meeting, based on the comment responses
- We will continue the Task Force review process



Liaison letters

- Letter received from ITU-T Q4/15
- Letter received from T1E1



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Plan for the week

	MON	TUE				WED				THU						
8:30	802.3ah EFM Task Force Opening Session Grand ABC				P2MP (EPON) Astor III	Optics Grand AB	OAM Astor I	Copper Grand C	P2MP (EPON) Astor III	Optics Grand AB	OAM Astor I	Copper Grand C	P2MP (EPON) Astor III	Optics Grand AB	OAM Astor I	Copper Grand C
9:00																
9:30																
10:00																
10:30																
11:00	Lunch (provided)				Lunch (provided)				Lunch (provided)							
11:30	P2MP (EPON) Astor III	Optics Grand AB	OAM Astor I	Copper Grand C	P2MP (EPON) Astor III	Optics Grand AB	OAM Astor I	Copper Grand C	P2MP (EPON) Astor III	Optics Grand AB	OAM Astor I	Copper Grand C	802.3ah EFM Task Force Closing Session Grand ABC			
12:00																
12:30																
1:00																
1:30																
2:00	Dinner (not provided)				Dinner (not provided)				Dinner (not provided)							
2:30	Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III							
3:00																
3:30																
4:00																
4:30																
5:00	Dinner (not provided)				Dinner (not provided)				Dinner (not provided)							
5:30	Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III							
6:00																
6:30																
7:00																
7:30																
8:00	Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III							
8:30																
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9:30																
10:00																
10:30	Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III				Special Session on Security and Encryption Astor III							
11:00																



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Future meetings

- **10-15 Nov, 2002, Kauai, HI - IEEE 802 Plenary meeting**
- **6-9 Jan, 2003, Vancouver, BC - Fairmont Hotel Vancouver**
hosted by the IEEE 802 LAN/MAN Standards Committee
- **10-13 March, 2003, Dallas, TX - IEEE 802 Plenary meeting**
- *Need host for May, 2003 meeting*



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