
IEEE 802.3ah

Ethernet in the First Mile

Task Force

Report to IEEE 802.3 CSMA/CD WG

Hilton Walt Disney World
Orlando, FL
15-March-2004



Ethernet in the First Mile
IEEE 802.3ah Task Force



Agenda

- **Reflector and WWW site**
- **Sponsor ballot results**
- **Report from Vancouver interim meeting**
- **Sponsor recirculation ballot results**
- **Report from Orlando interim meeting**
- **IEEE standards process**
- **Development timeline**
- **Objectives for this meeting**
- **Reviewing D3.1**
- **Liaison letter(s)**
- **Plan for the week**
- **Future meetings**

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Reflector and web (new)

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

listserv@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-p2mp <*your email address*>

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

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

[stds-802-3-efm-copper reflector has been terminated]

- Our email reflector policy is described at:

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



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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Sponsor ballot results

- D3.0 ballot closed 5-January

	Initial ballot		
	#	%	stat
Ballots sent	99		
Ballots ret.	80	80	OK
Approve	54	73	FAIL
Disapprove	20		
Abstain	6	8	OK



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Vancouver interim meeting

- **4 day meeting - January 12-15 - hosted by IEEE 802 LMSC**
- **~50 attendees**
- **Responded to 973 comments on D3.0**
 - **152 Technical Required**
 - **317 Technical**
 - **504 Editorial**
- **47 TR comments not resolved to satisfaction of balloter**
- **Enough balloters were satisfied with the comment resolutions to warrant proceeding with a recirculation**
- **Issued a 20 day recirculation ballot on D3.1, with all of the draft open to comment**



Recirculation ballot results

- D3.0 ballot closed 5-January
- D3.1 ballot closed 3-March

	Initial ballot			first recirc		
	#	%	stat	#	%	stat
Ballots sent	99			99		
Ballots ret.	80	80	OK	86	86	OK
Approve	54	73	FAIL	63	77	OK
Disapprove	20			18		
Abstain	6	8	OK	5	5	OK

Approved!

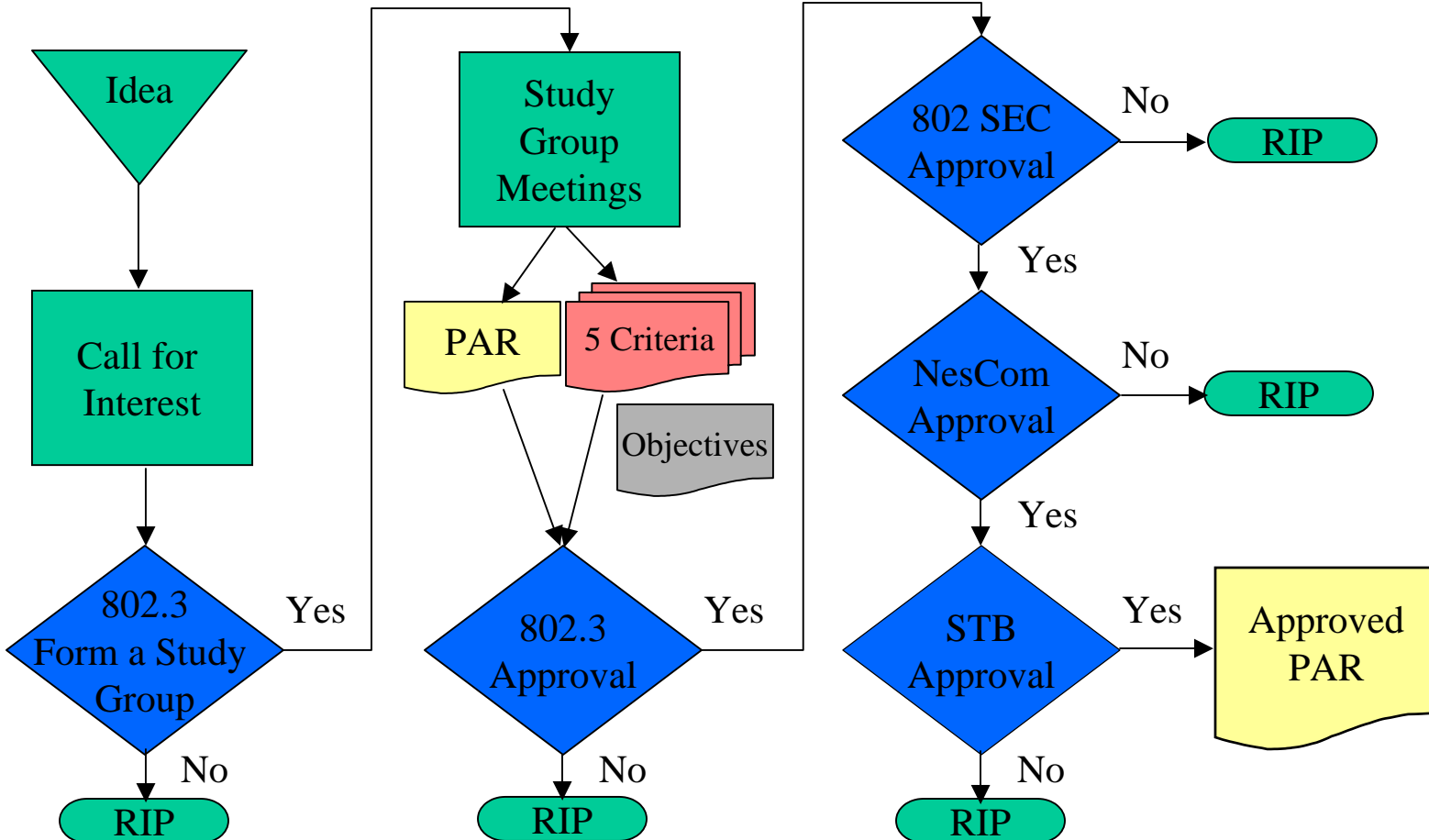


Orlando interim meeting

- **3 hour interim meeting this morning ~35 people**
- **Reviewed Annex 4A contents and comments**
- **Considered and debated proposal regarding unidirectional transmission of OAM PDUs - resolution in process**

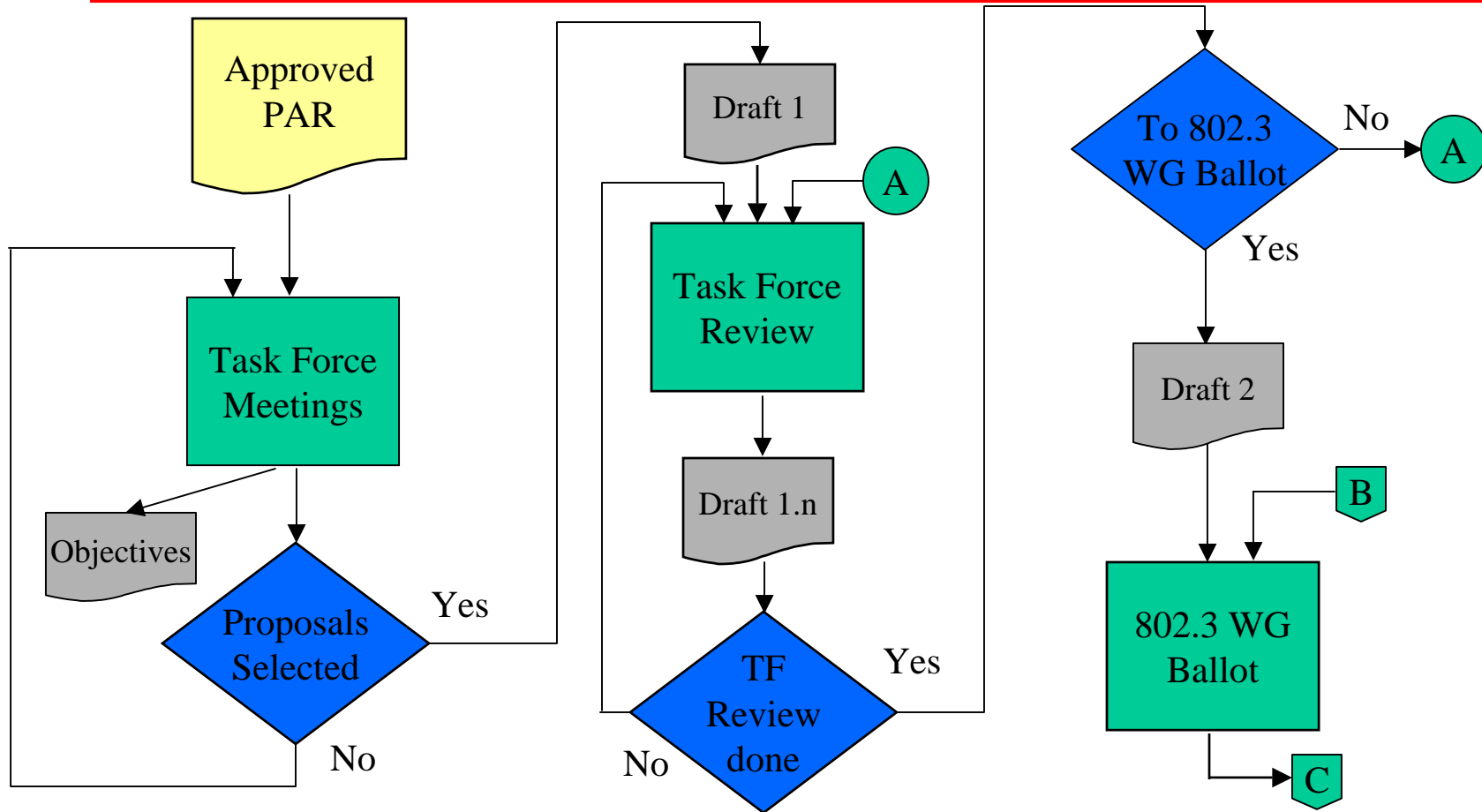


IEEE standards process



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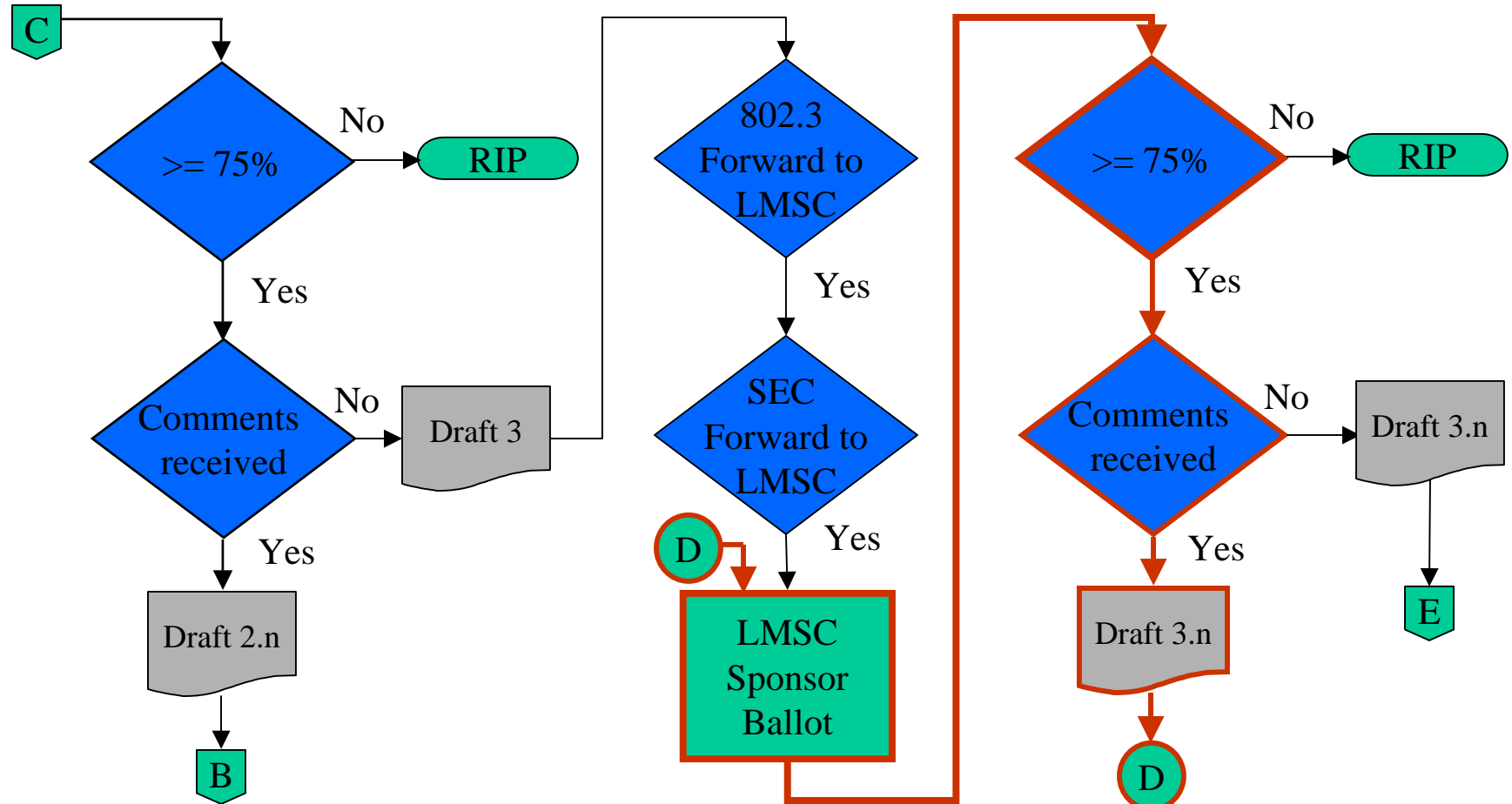
IEEE standards process



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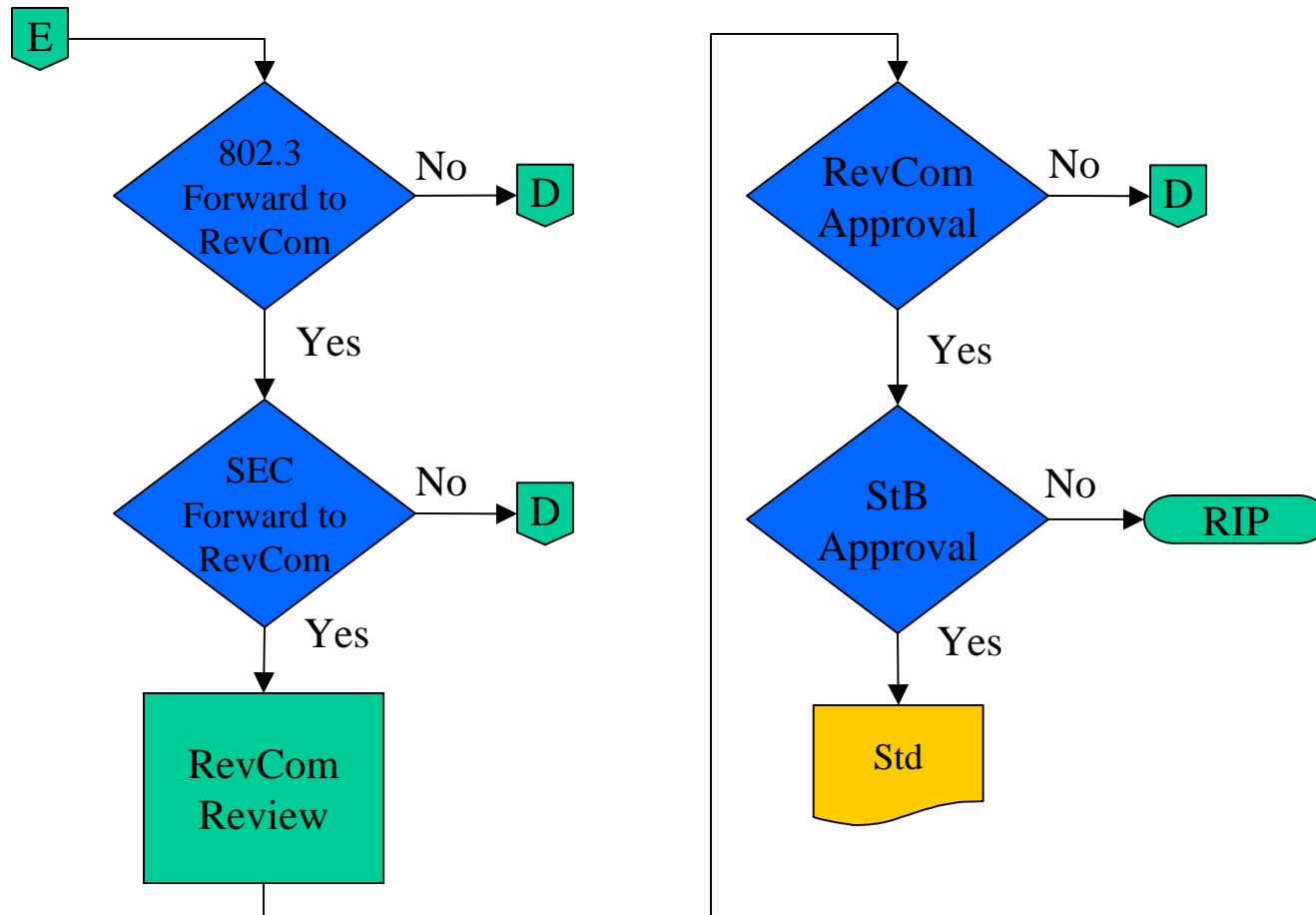


IEEE standards process



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IEEE standards process



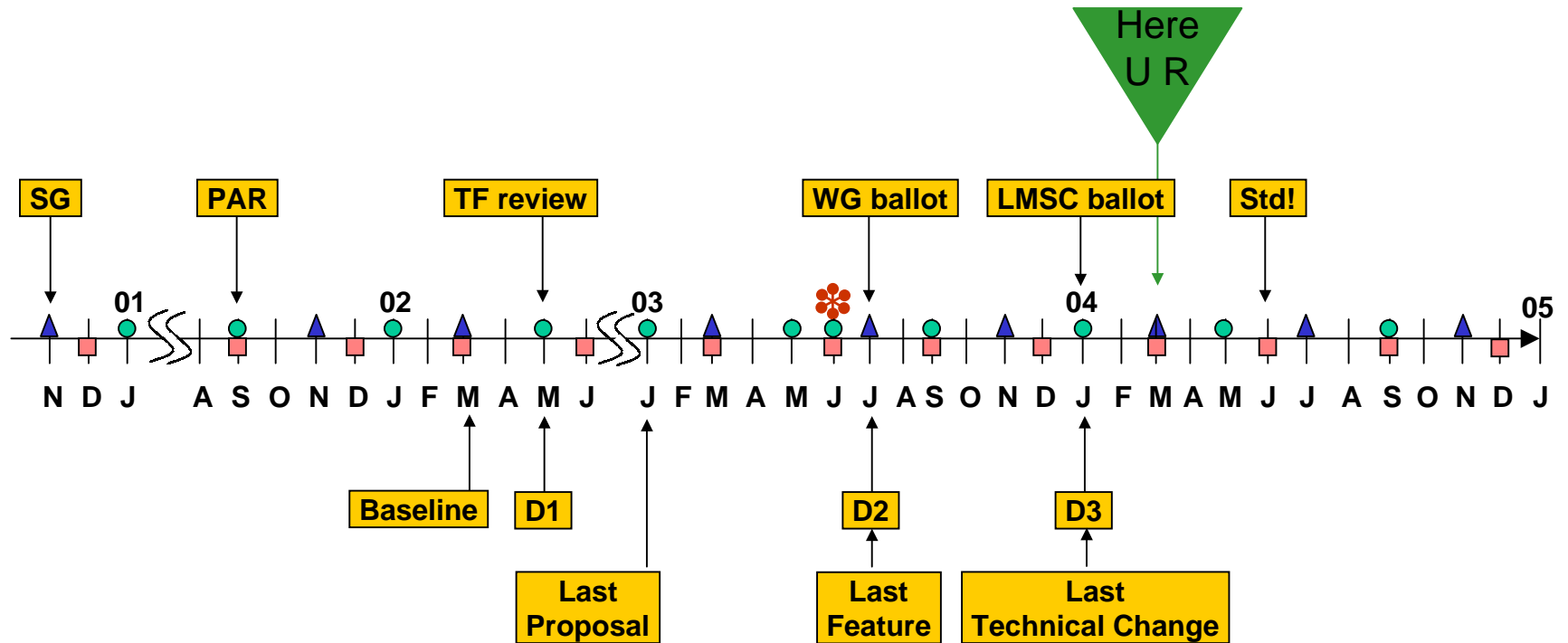
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Development schedule

- **We will stay on track IFF:**
 - **We consider and respond to all of our comments at this meeting**



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 D3.1

- **Our editors produced IEEE P802.3ah/D3.1, based on comments resolved in Vancouver**
- **We received 677 comments on D3.1**
 - 106 Technical Required
 - 226 Technical
 - 345 Editorial
- **We must consider and respond to each comment**

Liaison letters

- Q4/15 (2)
- T1E1 (2)



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Plan for the week

MON	TUE				WED				THU
	P2MP Fuschia	Optics Gardenia	OAM Iris	Copper Hibiscus	P2MP Fuschia	Optics Gardenia	OAM Iris	Copper Hibiscus	IEEE 802.3ah EFM Task Force Closing Session Gardenia/Fuschia
					802.1/802.3 Technical Plenary - Salon IV				
Lunch break	Lunch break				Lunch break				Lunch break
IEEE 802.3 CSMA/CD WG Opening Plenary Salons I-IV	P2MP Fuschia	Optics Gardenia	OAM Iris	Copper Hibiscus	P2MP Fuschia	Optics Gardenia	OAM Iris	Copper Hibiscus	IEEE 802.3 CSMA/CD WG Closing Plenary Salons I-IV
Wireless Performance	10Gb on installed FDDI grade fibre				Social				
Power Line Carrier	Spread Spectrum Retrospective								
EMS Tutorial	mmWave based Physical Layers								



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Future meetings

- . **12-13 April, 2004 - Santa Clara, CA - Hosted by Nortel Networks**



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