
IEEE 802.3ah

Ethernet in the First Mile

Task Force

Report to IEEE 802.3 CSMA/CD WG

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



Ethernet in the First Mile
IEEE 802.3ah Task Force



Agenda

- **New officers**
- **Activities this week**
- **Comment resolution**
- **IEEE standards process**
- **Development timeline**
- **D3.2 production/recirculation**
- **Liaison letter(s)**
- **Future meetings**

IEEE 802.3ah Officers

- Howard Frazier, Chair, millardo@dominetsystems.com
- Hugh Barrass, Vice Chair, hbarrass@cisco.com
- Wael Diab, Editor in Chief, wdiab@cisco.com
- Behrooz Rezvani, Executive Secretary, behrooz@ikanos.com
- Scott Simon, Recording Secretary, ssimon@cisco.com
- Gerry Pesavento, P2MP Chair, gerry.pesavento@teknovus.com
- Vipul Bhatt, Optics Chair, vipul_bhatt@ieee.org
- Matt Squire, OAM Chair, mattsquire@acm.org
- Barry O'Mahony, Copper Chair, barry.omahony@intel.com
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- Michael Beck, Copper Editor, michael.beck@alcatel.be
- Ben Brown, Logic Editor, benjamin.brown@ieee.org
- Glen Kramer, P2MP Protocol Editor, glen.kramer@teknovus.com
- Piers Dawe, Optics Vice Chair, piers_dawe@agilent.com

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Activities this week

- P2MP - declined to change frame format, declined to add multicast group id
- Logic - refinements to Annex 4A based on comments from M. Molle - refinements to unidirectional signaling
- Optics - no significant changes
- OAM - state machines stable, additions to C30 MIB
- C45 - lots of editorial refinement based on comments from E. Turner, some additional registers for Cu PHYs
- Copper - better alignment with T1.424-2004, better alignment with ITU-T g.994.1

Recirculation ballot results

- **707 new comments received**
 - 107 Technical Required
 - 247 Technical
 - 353 Editorial
- **50 unresolved TRs total (= 37 D3.0 + 13 D3.1)**



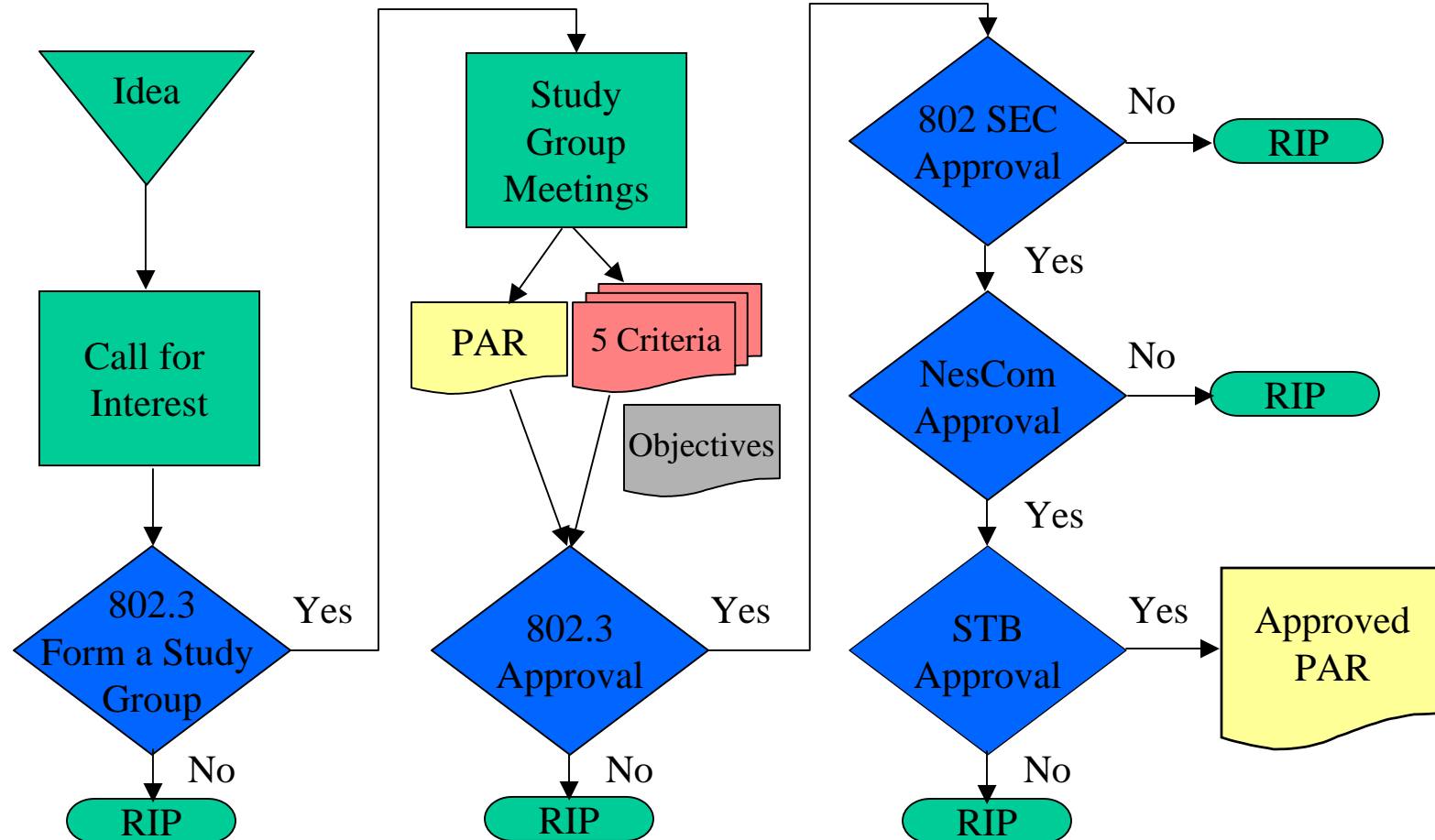
Recirculation ballot results

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

	Initial ballot			first recirc			post comment		
	#	%	stat	#	%	stat	#	%	stat
Ballots sent	99			99			99		
Ballots ret.	80	80	OK	86	86	OK	86	86	OK
Approve	54	73	FAIL	63	77	OK	76	94	OK
Disapprove	20			18			5		
Abstain	6	8	OK	5	5	OK	5	5	OK

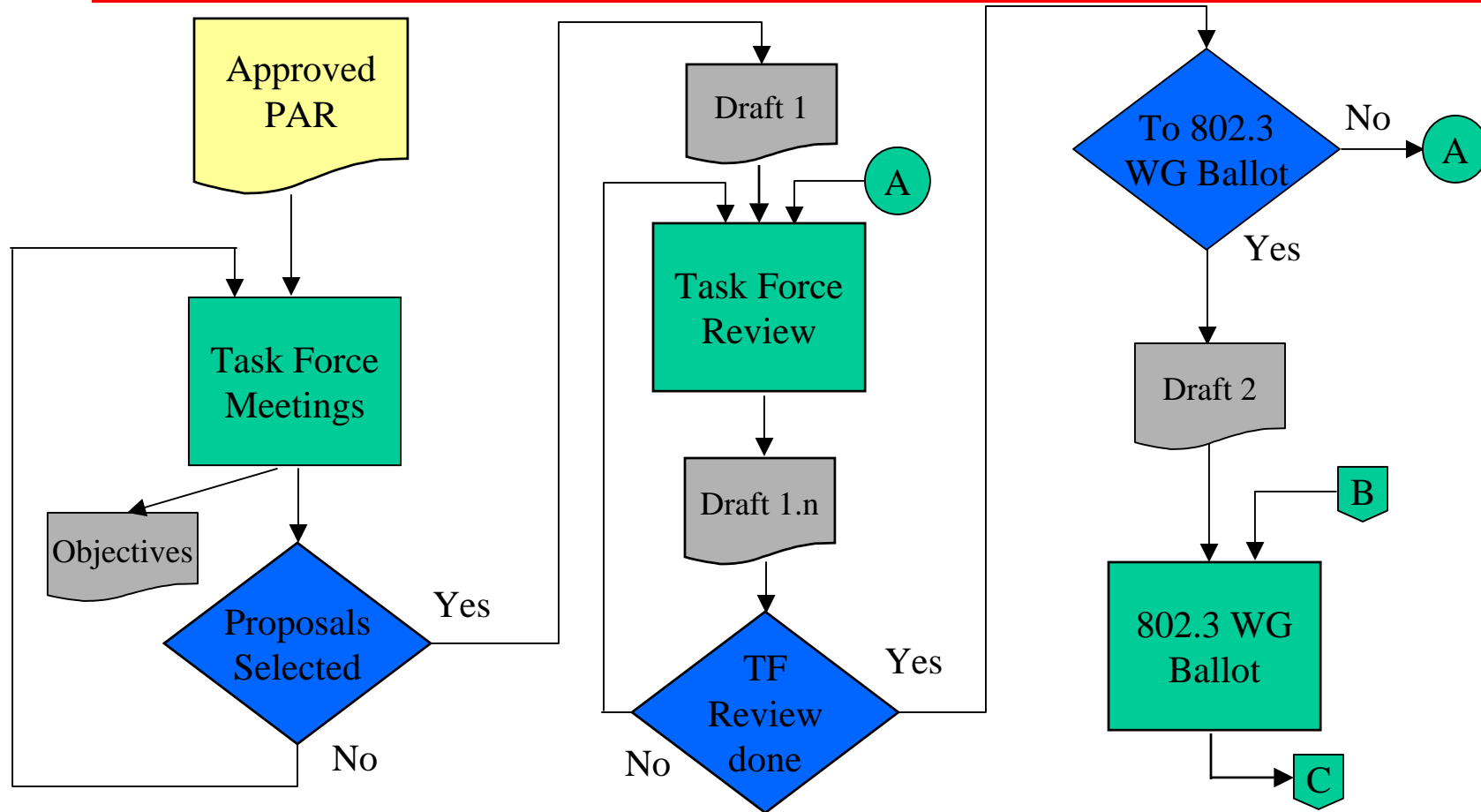


IEEE standards process



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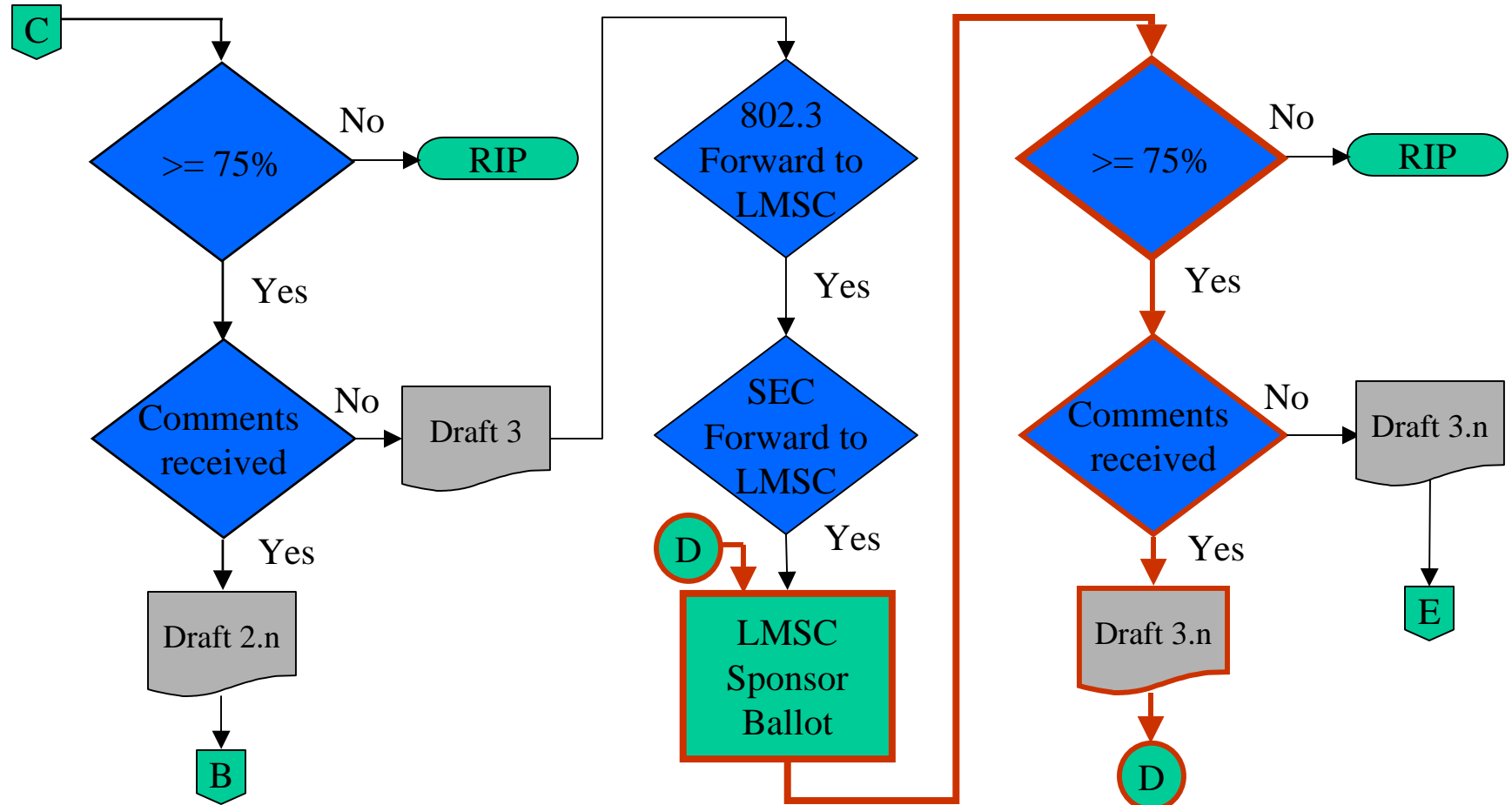
IEEE standards process



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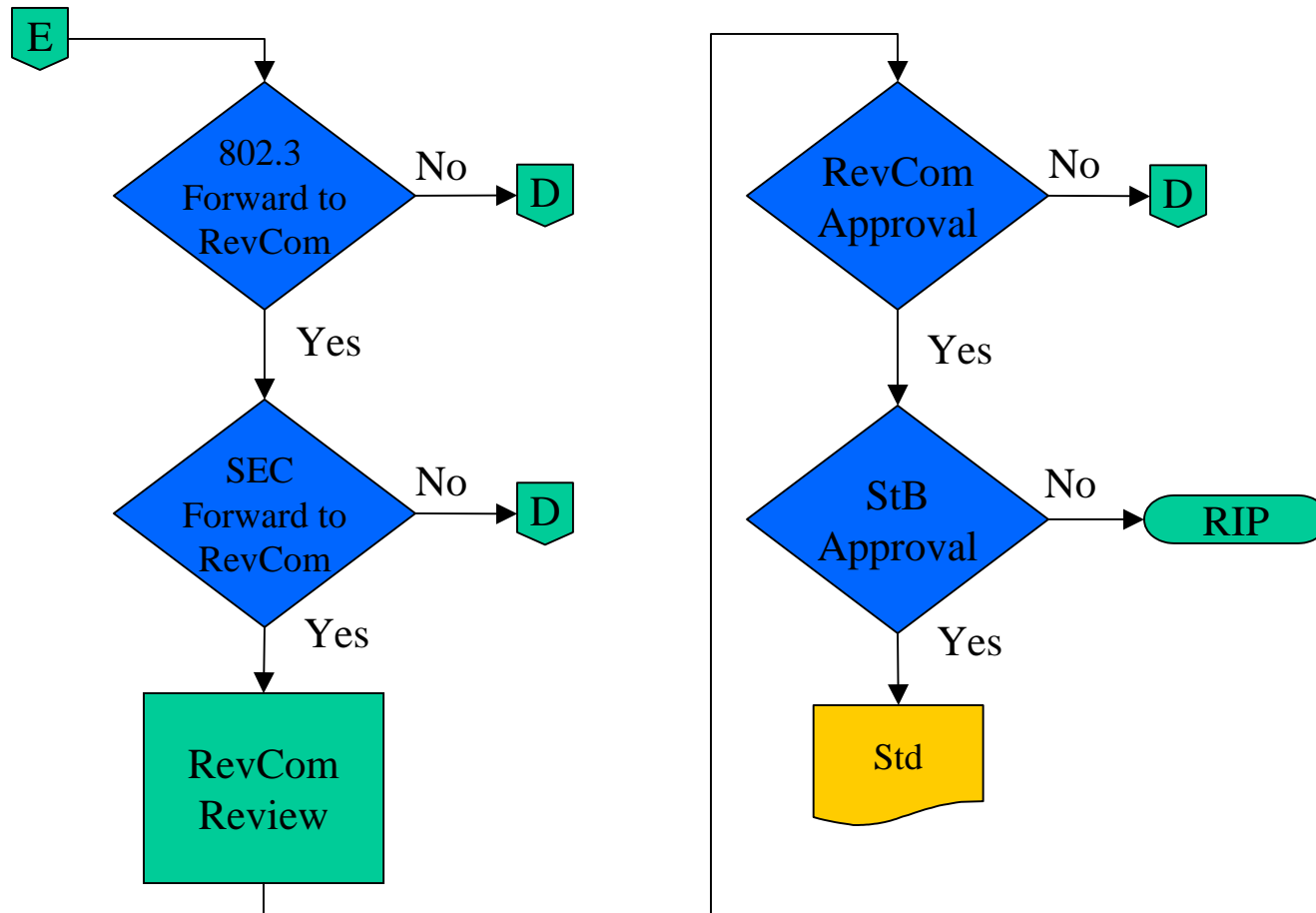


IEEE standards process



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IEEE standards process



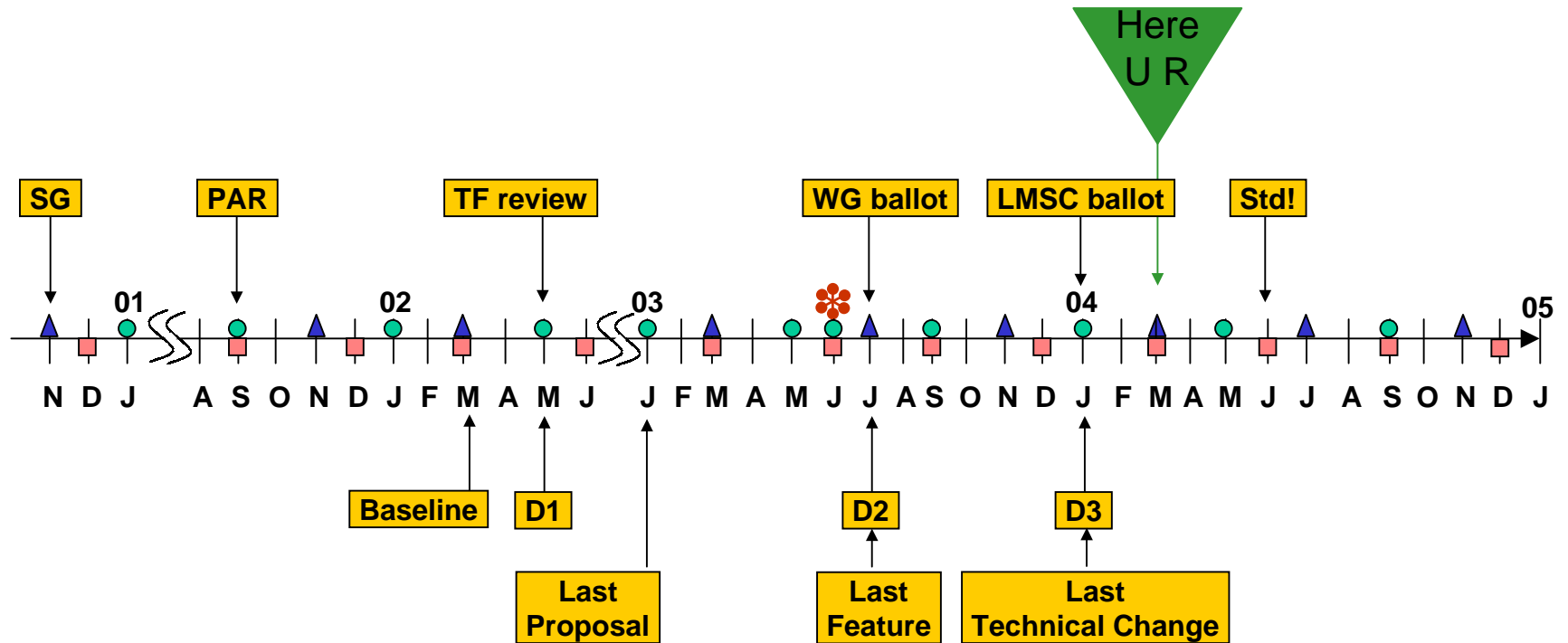
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
Development schedule

- **We will stay on track IFF:**
 - **We are able to avoid making changes after D3.2**



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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Schedule for next draft

- Next draft to be D3.2
- D3.1 comment database **Mon 3/22/2004**
- D3.2 15-day recirculation opens **Thu 3/25/2004**
- D3.2 15-day recirculation closes **Wed 4/9/2004**
- Next Meeting
 - **Mon 04/12/2004 –Tue 04/13/04 – Santa Clara**

MOAM (802.3ah)

Produce D3.2 based on the comment responses as recorded in the database. Conduct a 15-day sponsor recirculation ballot with only the changed material open for comment. Submit to RevCom upon successful completion of the recirculation process.

- Moved: Wael William Diab
- Seconded: Glen Kramer
- All: Y: 33 N: 0 A: 0
- 802.3 voters: Y: 28 N: 0 A: 0
- Tech $\geq 75\%$ Pass

MOAM (802.3)

Produce D3.2 based on the comment responses as recorded in the database. Conduct a 15-day sponsor recirculation ballot with only the changed material open for comment. Request sponsor authorization to submit to RevCom upon successful completion of the recirculation process.

Moved: Howard Frazier

Second:

Y: N: A:

Tech $\geq 75\%$ Pass/Fail



Liaison letters

- ITU-T Q4/14
- ITU-T Q4/15
- T1E1

Future meetings

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



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