IEEE 802.3ah
Ethernet in the First Mile
Task Force
Report to 802.3

Hyatt San Francisco

21-July-2003

Ethernet in the First Mile
IEEE 802.3ah Task Force

Agenda

- **Reflector and WWW site**
- **Report from Seoul & Ottawa interim meetings**
- **Objectives for this meeting**
- **IEEE standards process**
  - **Development timeline**
  - **Reviewing draft D1.9**
- **Liaison letter(s)**

Ethernet in the First Mile
IEEE 802.3ah Task Force

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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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Report from Seoul

- **4 day meeting - May 12-15 - hosted by Infineon & Samsung**

- **~100 attendees**

- **Reviewed P802.3ah/D1.414**

- **Responded to 1537 comments**

- **Resolved 23 Big Ticket Items**

  Copper: filled in Annex 62B table, fixed MCM variable, filled in PICs

  P2MP: selected closed loop timing, filled in PICS

  Optics: new jitter values, temperature bounds, jitter xfer

  OAM: package table updated, grouped functions into 7 categories

- **Sent letters to T1M1, T1E1, ITU-T Q4/15**

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Report from Ottawa

- **2 day meeting - June 24-25 - hosted by Nortel Networks**
- **~150 attendees**
- **Reviewed P802.3ah/D1.732**
  - **Reviewers asked to comment only on changed material**
- **Responded to 530 comments**
- **Received letter on VDSL linecode selection from T1E1**
- **Closed all outstanding issues**

Copper:	selected DMT for 10PASS-TS linecode
	agreed to add enhanced SHDSL
P2MP:	decided not to reformat MPCP gate & report frames
Optics:	fixed "cool" operating temperature

- **Sent letters to T1E1, ITU-T Q4/15**

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Report from Ottawa

Mother of All Motions

Charter the editorial team to produce draft D1.9 based on the resolution of comments in the Ottawa EFM Interim meeting and to circulate the draft to the 802.3 WG for preview, in accordance with the 802.3 rules, before the July 2003 Plenary meeting in anticipation of requesting WG Ballot for P802.3ah

Moved: Wael William Diab
Second: Brad Booth

Technical motion, requires >= 75% in favour to pass
Among those present:
Y:87 N:0 A:1   **MOTION PASSES**

Among 802.3 voters:
Y:48 N:0 A:1   **MOTION PASSES**

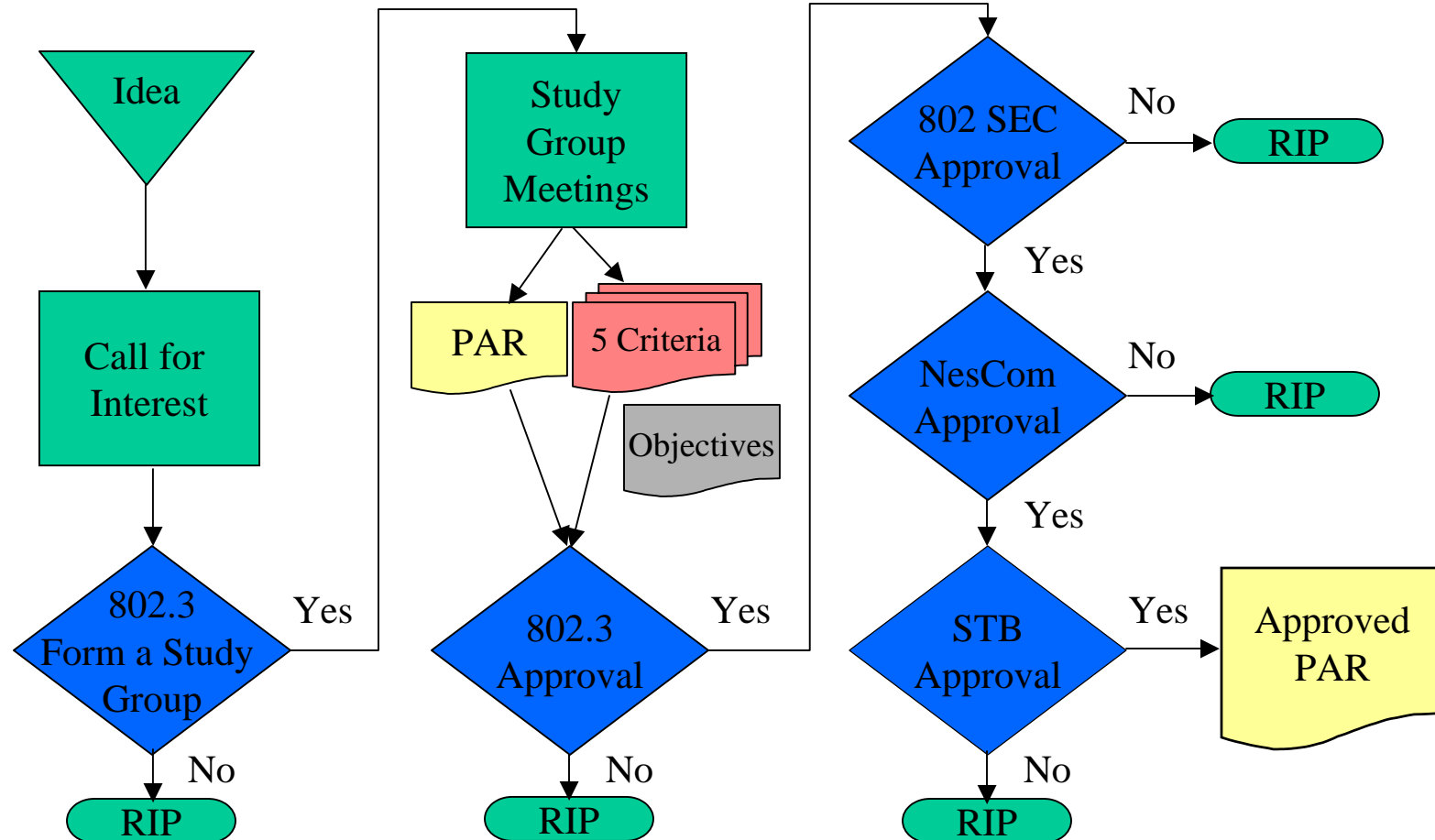**Ethernet in the First Mile**
IEEE 802.3ah Task Force

Objectives for this meeting

- **Review D1.9 for completeness**
  - Compare to PAR, Critters, Objectives
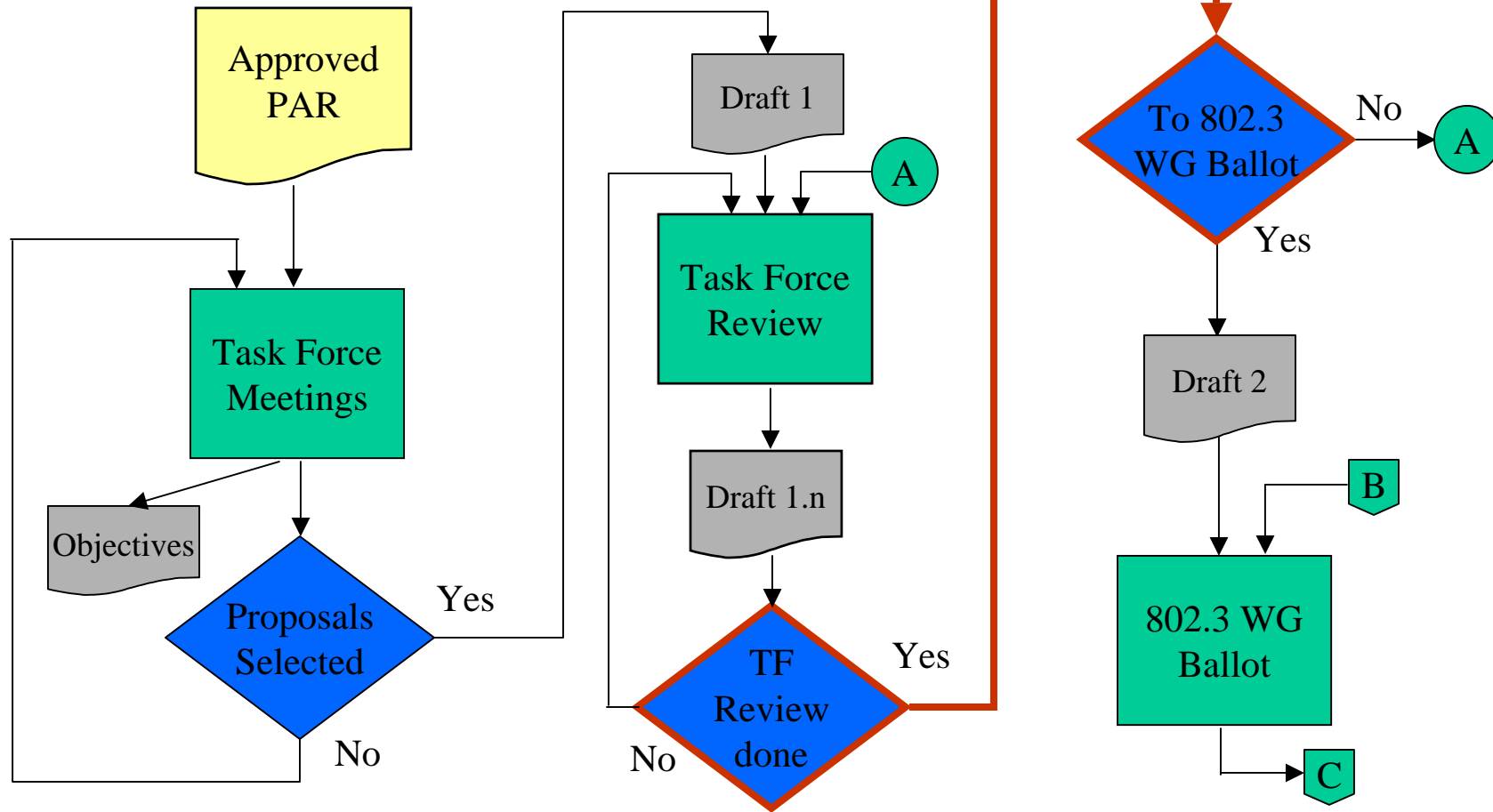- **Prepare for WG ballot**
- **Produce D2.0**

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IEEE standards process
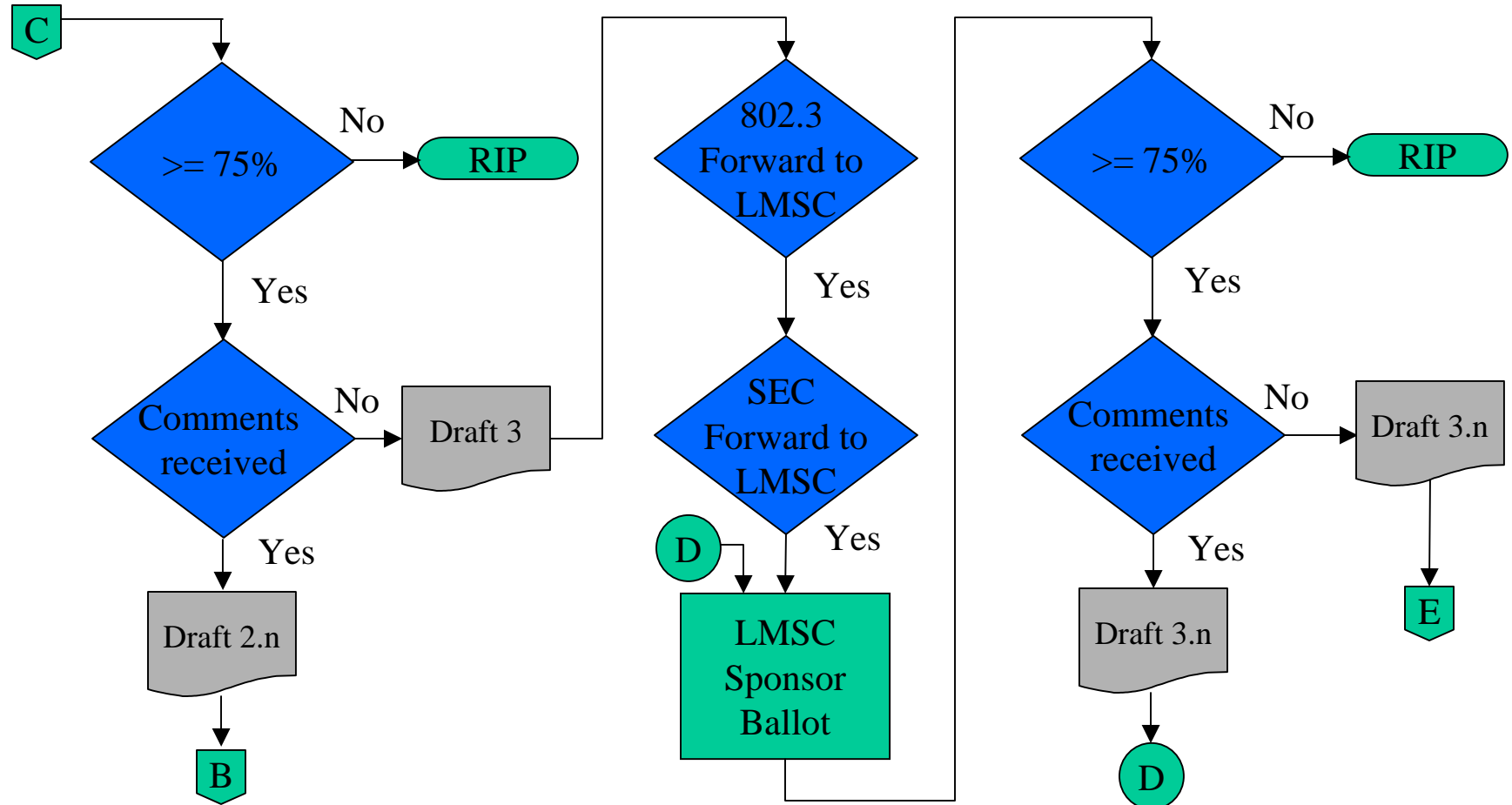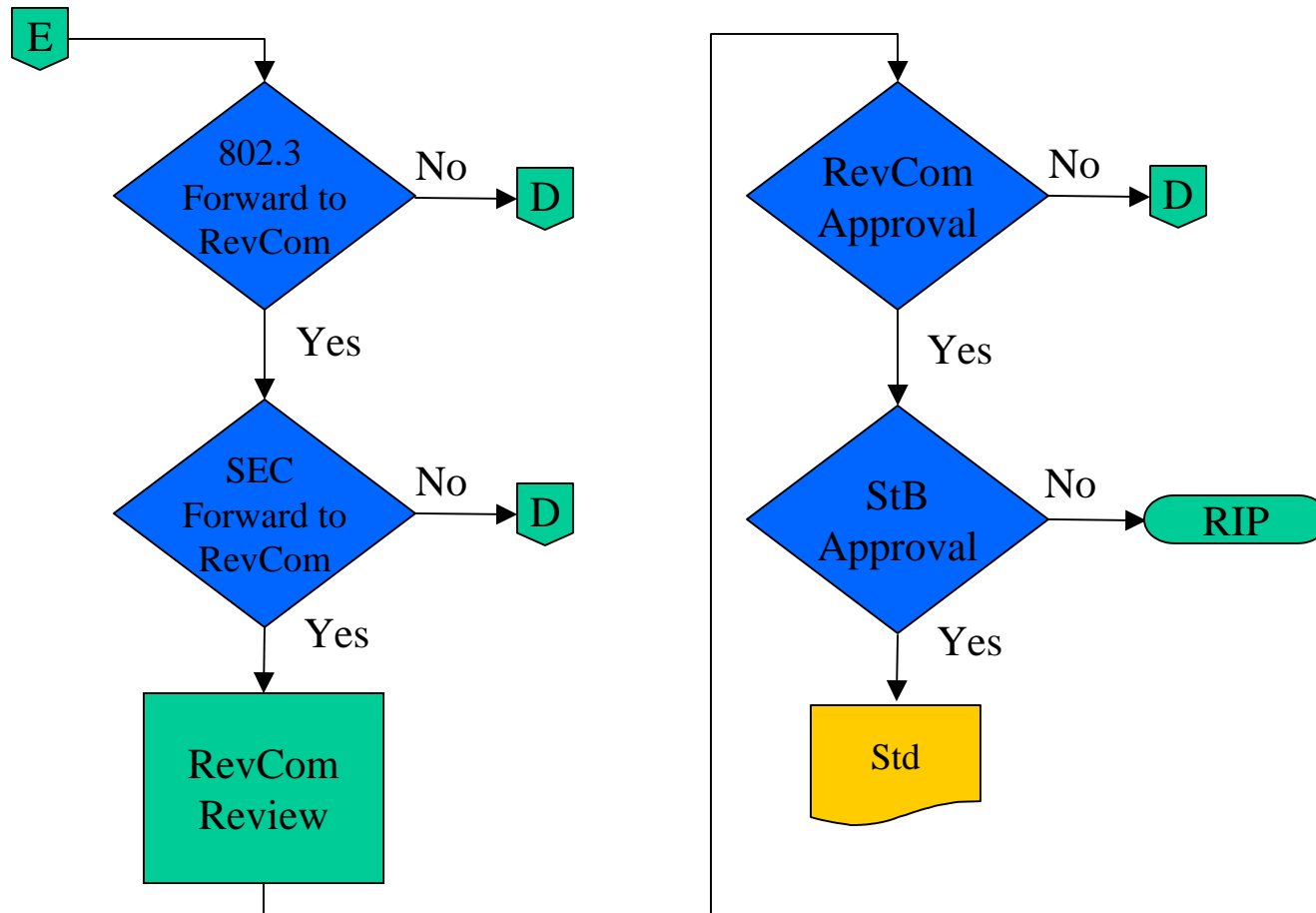

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IEEE standards process

Approved PAR

Task Force Meetings

Objectives

Proposals Selected — Yes / No

Draft 1

A

Task Force Review

Draft 1.n

TF Review done — Yes / No

To 802.3 WG Ballot — No → A / Yes

Draft 2

B

802.3 WG Ballot

C

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IEEE standards process

C

>= 75% → No → RIP

Yes

Comments received → No → Draft 3

Yes

Draft 2.n

B

802.3 Forward to LMSC

Yes

SEC Forward to LMSC

D

Yes

LMSC Sponsor Ballot

>= 75% → No → RIP

Yes

Comments received → No → Draft 3.n

Yes

Draft 3.n

D

Draft 3.n

E

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IEEE standards process

E → 802.3 Forward to RevCom — No → D

802.3 Forward to RevCom — Yes ↓

SEC Forward to RevCom — No → D

SEC Forward to RevCom — Yes ↓

RevCom Review →

RevCom Approval — No → D

RevCom Approval — Yes ↓

StB Approval — No → RIP

StB Approval — Yes ↓

Std

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Adopted timeline

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Adopted by IEEE 802.3 13-March-2003
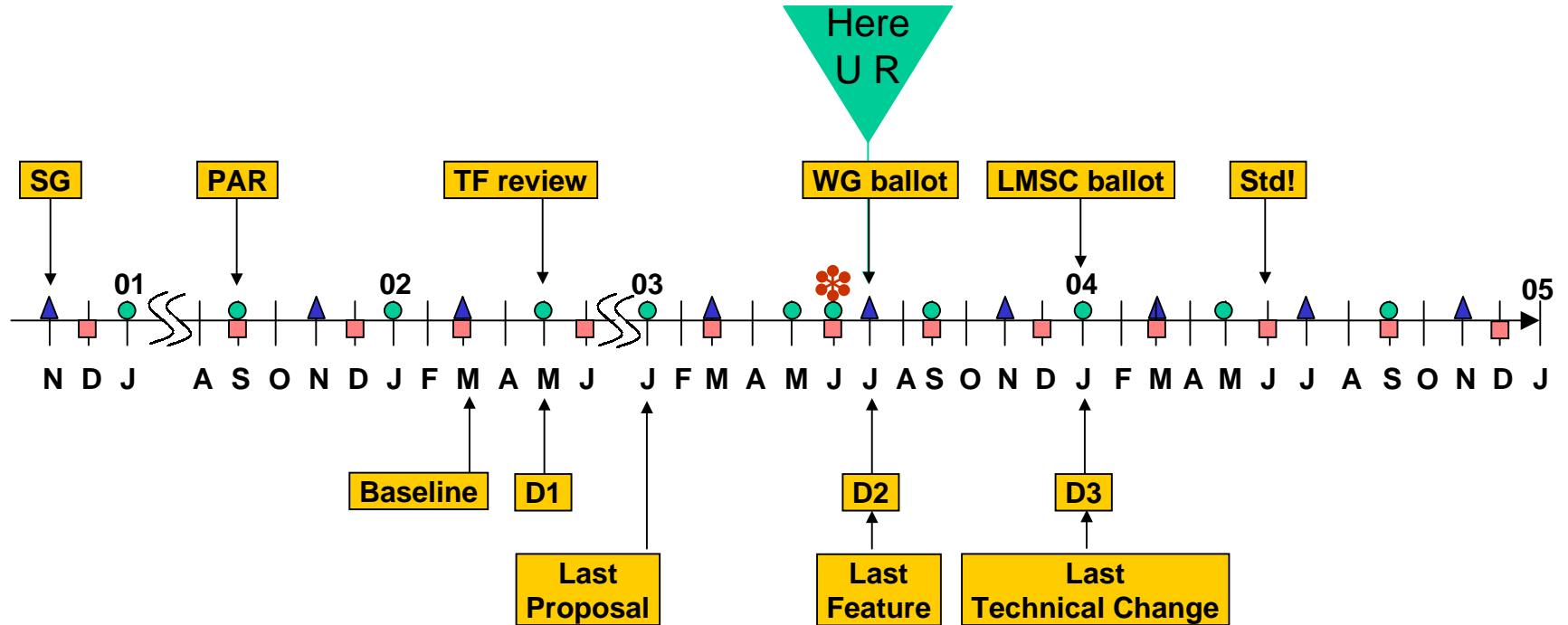
Legend:
- ✳ T1E1 Decision
- ▲ 802 Plenary
- ● 802.3 Interim
- ■ IEEE-SA Standards Board

Milestones on timeline:
SG, PAR, TF review, WG ballot, LMSC ballot, Std!, Here U R

Baseline, D1, D2, D3

Last Proposal, Last Feature, Last Technical Change

Years: 01, 02, 03, 04, 05

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

Reviewing draft D1.9

- Our editors have produced P802.3ah/D1.9, using D1.732 plus the comments that we resolved in Ottawa

- We have not solicited comments on D1.9

- D1.9 will be reviewed for technical completeness during breakout sessions this week

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Liaison letter

The volume of letters has substantially decreased

- Letter received from T1M1

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Plan for the week

	MON	TUE	WED	THU
8:00				
8:30–11:30		**IEEE 802.3ah EFM Task Force Opening Session Seacliff BC**	P2MP Seacliff C / Optics Seacliff B / OAM Seacliff A / Copper Bayview B	**IEEE 802.3ah EFM Task Force Closing Session Seacliff BC**
12:00–12:30	Lunch break	Lunch break	Lunch break	Lunch break
1:00–5:30	**IEEE 802.3 CSMA/CD WG Opening Plenary Bayview AB**	P2MP Seacliff C / Optics Seacliff B / OAM Seacliff A / Copper Bayview B	P2MP Seacliff C / Optics Seacliff B / OAM Seacliff A / Copper Bayview B — **IEEE 802.3ah EFM Task Force Officers & Editors Bayview B**	**IEEE 802.3 CSMA/CD WG Closing Plenary Bayview AB**
6:00	Dinner break	Dinner break	Dinner break	Dinner break
6:30–7:30	**Data Center Tutorial**		**Social**	
8:00–9:00	**EMS Tutorial**	**Ethernet Retrospective**		
9:30				

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Future meetings

- **15-18 September 2003, Ancona Italy,**
    - *Hosted by Aethra*
    - **Must make hotel reservations by July 31!**
    - **http://www.advancedcongressi.it/**

- **10-13 Nov, 2003, Albuquerque, NM - IEEE 802 Plenary**

- *need host for January, 2004 interim meeting*

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