IEEE 802.3ah
Ethernet in the First Mile
Task Force

Report to 802.3

Agenda and General Information

Sheraton Kauai Resort

11-November-2002

Agenda

- Report from New Orleans interim meeting
- Objectives for this meeting
- Reflector and WWW site
- IEEE standards process
  - Timeline and schedule risk
  - Reviewing draft D1.1
- Liaison letter(s)
- Split into tracks
  - P2MP
  - Cu
  - P2P
  - OAM
- Motion madness
- Future meetings

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*

Report from New Orleans

- 4 day meeting - Sep 30 to Oct 3 - hosted by EFMA
- ~140 attendees in 802.3ah, ~250 overall
- Reviewed P802.3ah/D1
- Responded to 737 comments
- Adopted refinement to layering model for P2MP
- Limited FEC proposals to frame-based
- Discussed port names
- Restructured copper PHY parameter management
- Sent letters to TTC, T1E1.4, and ITU-T Q4/15
- Two evening sessions on link layer security and encryption

Objectives for this meeting

- Respond to comments on P802.3ah™/D1.1
- Big Ticket Items:
  - FEC
  - Port names
  - Optical PMD timing parameters
  - Copper encapsulation method

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

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

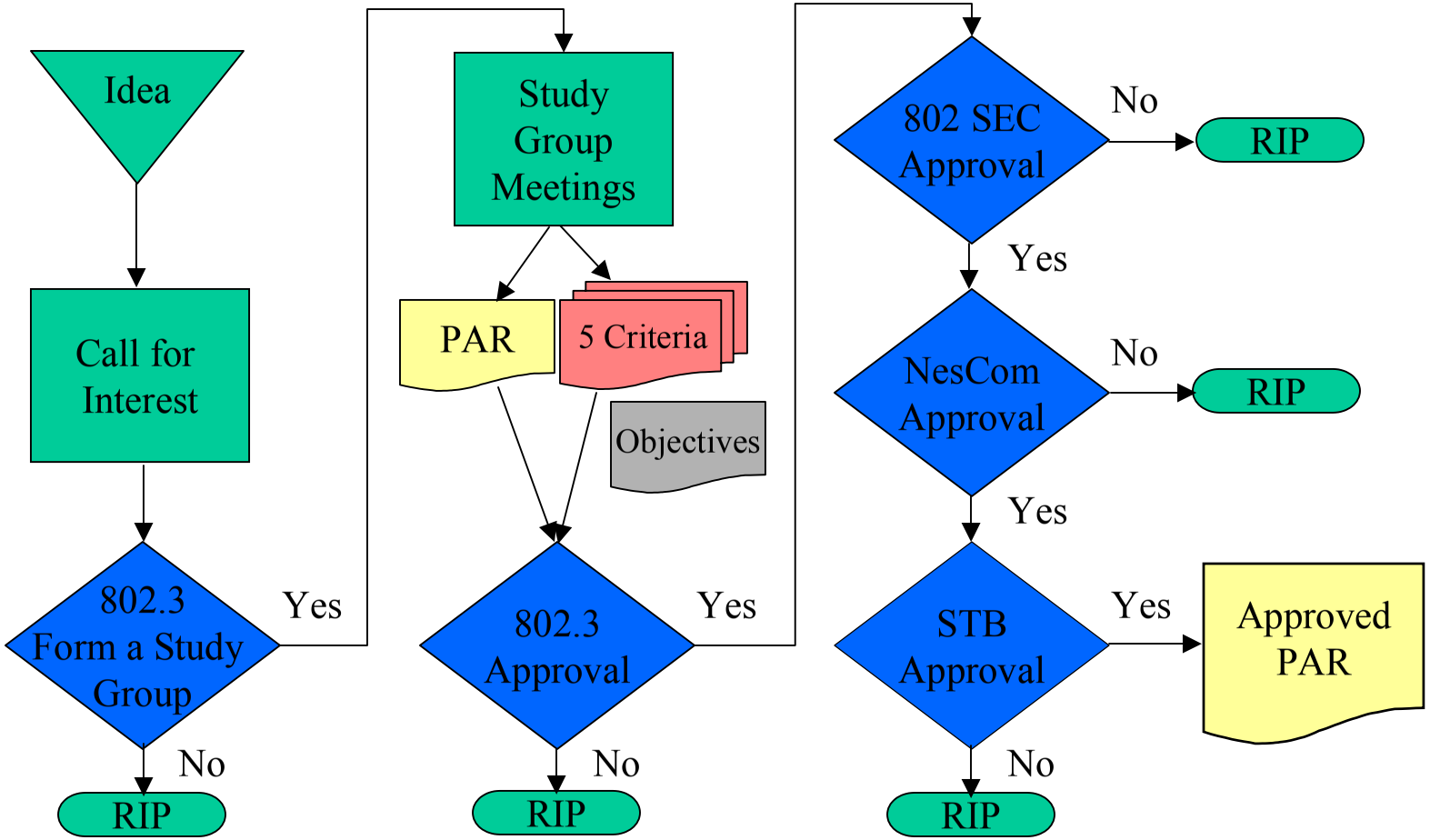
  username:
  password:

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

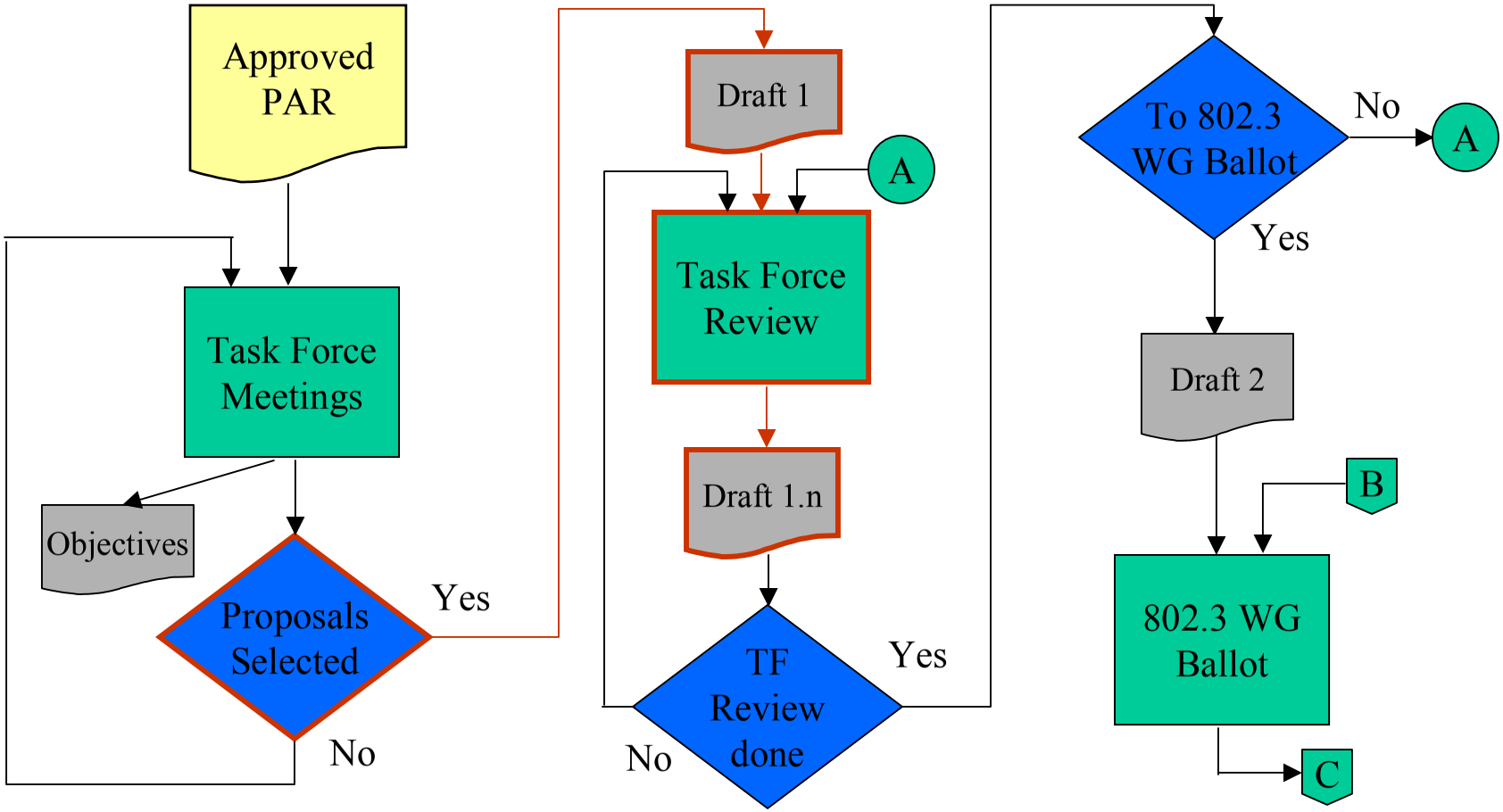
  Do NOT distribute this URL, username and password

  Do NOT copy or distribute the documents on this site

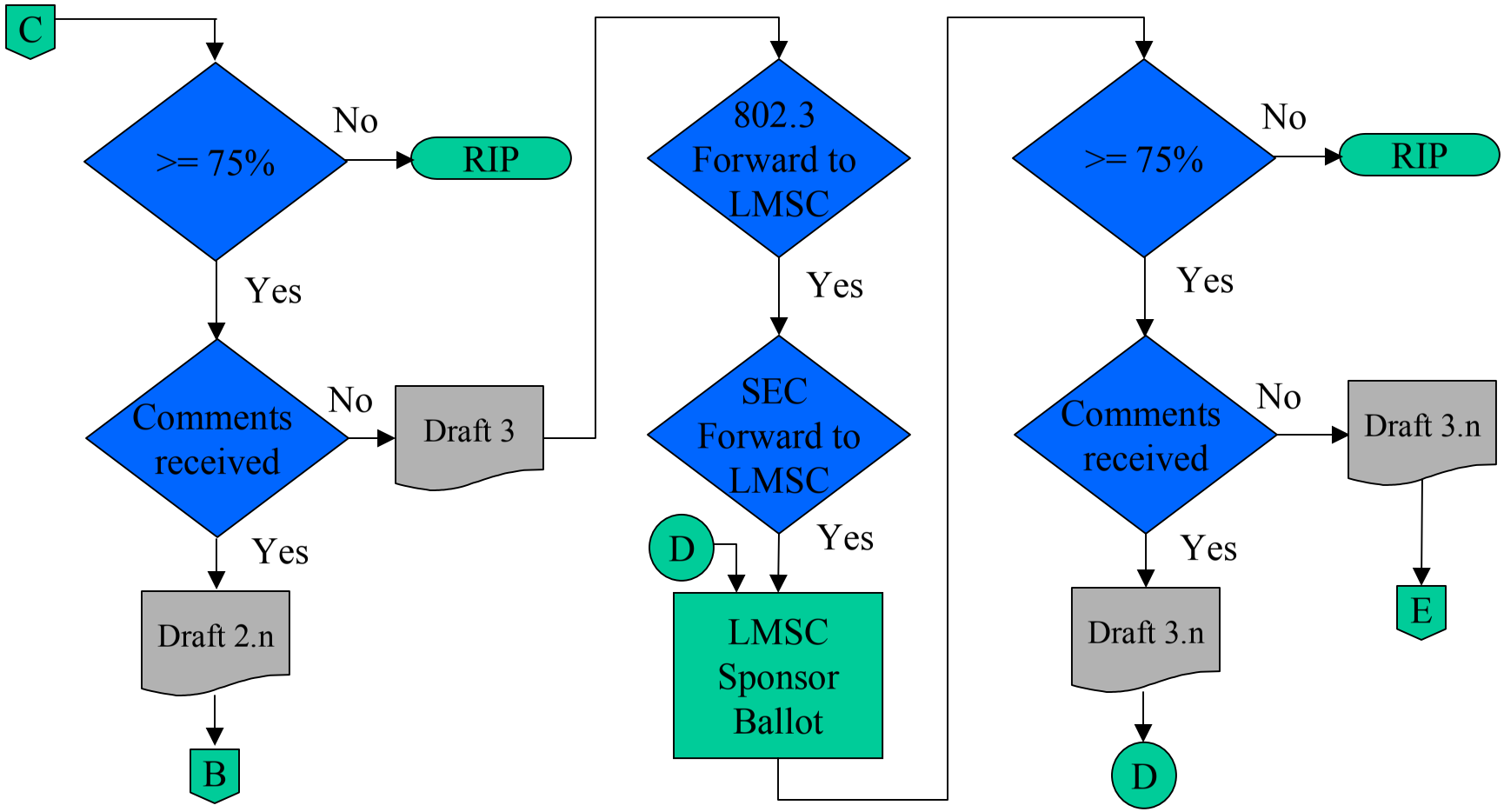
IEEE standards process



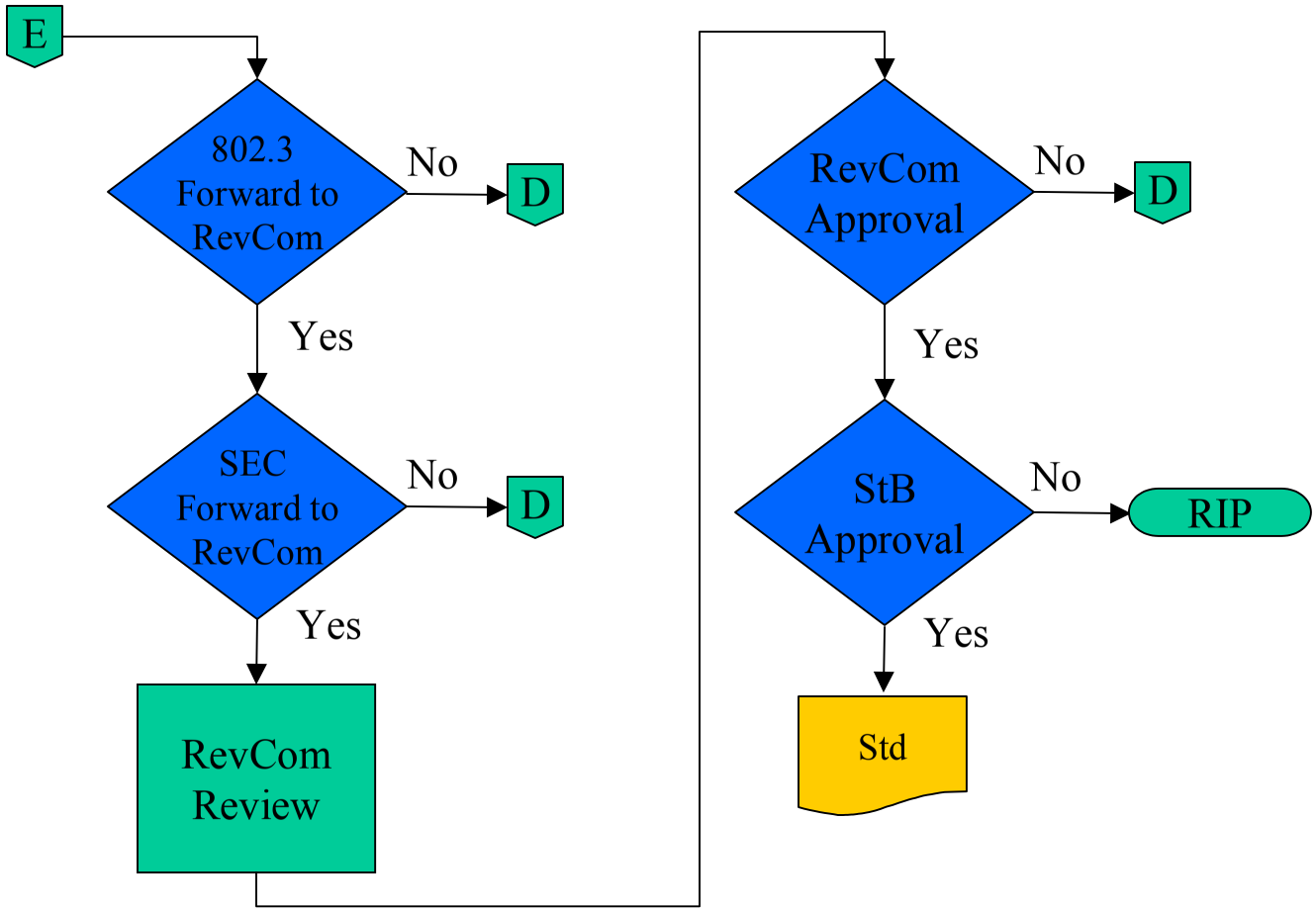
IEEE standards process



IEEE standards process



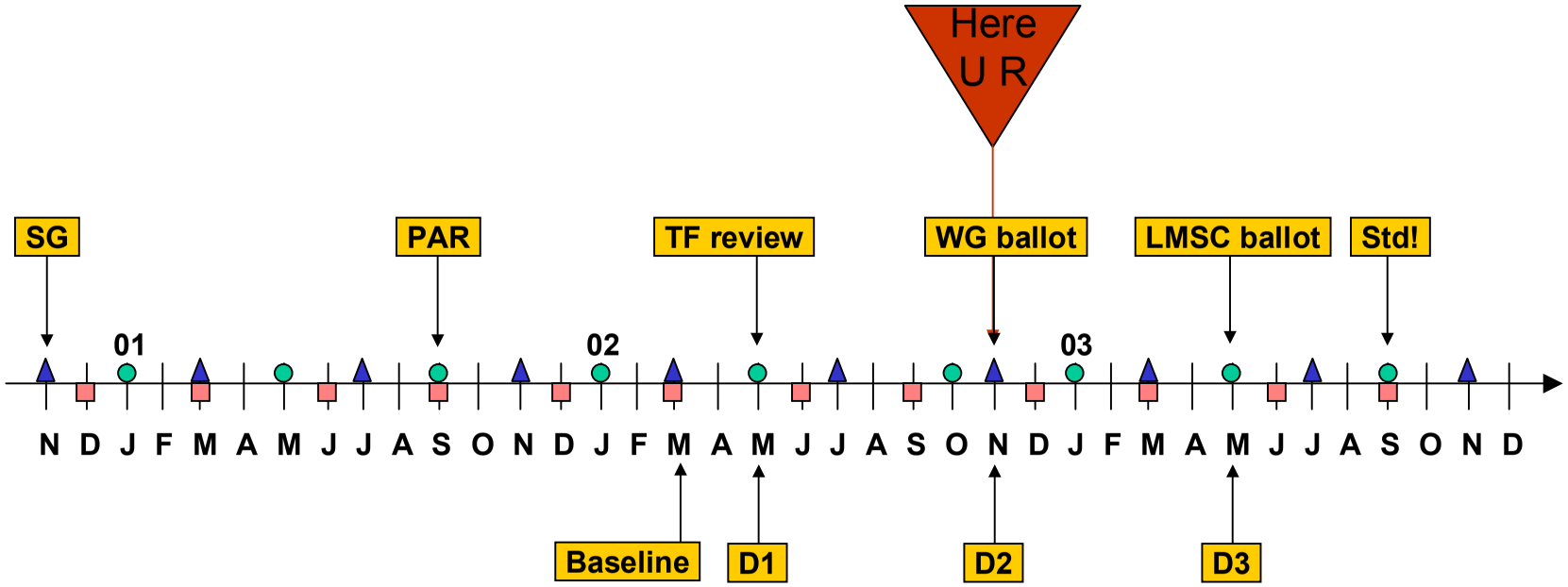
IEEE standards process



Schedule risk

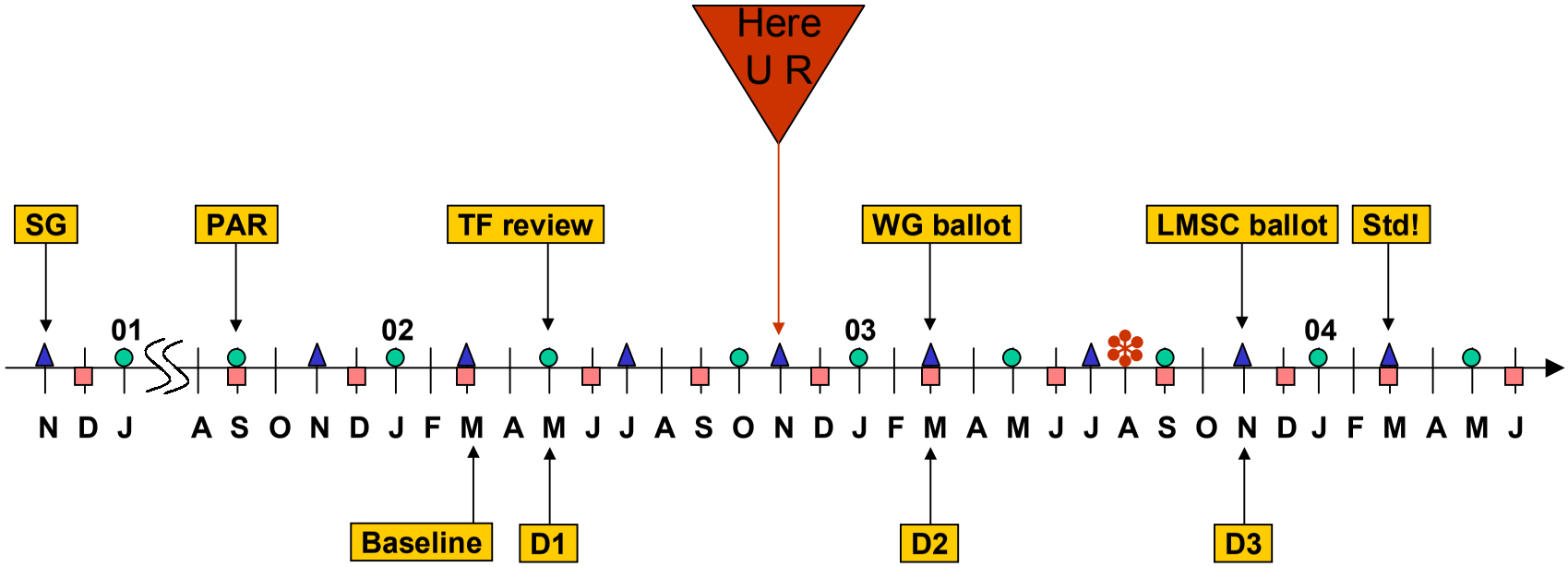
- Our schedule will suffer a substantial slip
- The causes for the slip are:
  - **Time frame for decision on 10PASS-T line code**
  - Lack of concensus on 2BASE/PASS-T line code
  - Proposed addition of FEC

Adopted timeline



802 Plenary
802.3 Interim
IEEE-SA Standards Board

Possible new timeline (1)



T1E1 Decision

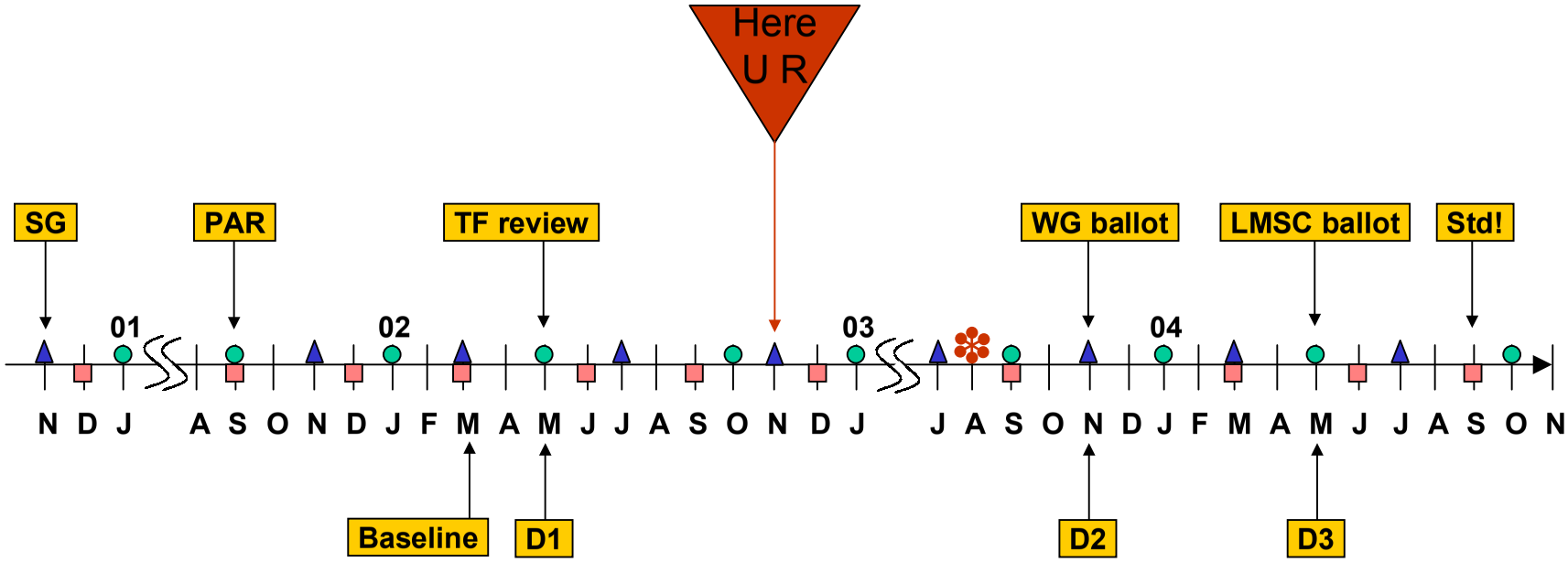
802 Plenary

802.3 Interim

IEEE-SA Standards Board

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

Possible new timeline (2)



T1E1 Decision

802 Plenary

802.3 Interim

IEEE-SA Standards Board

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

Reviewing draft D1.1

- Our editors have produced P802.3ah/D1.1, using D1 plus the comments that we resolved in New Orleans
- We have received >1000 comments on D1.1 (Thank you!)
- We must craft and adopt a response to each comment
- Our editors will produce P802.3ah/D1.2 after this meeting, based on the comment responses
- We will continue the Task Force review process

Liaison letters

- Letter received from ITU-T Q2/15
- Letter received from ITU-T Q4/15

Plan for the week

	MON	TUE				WED				THU
8:00		P2MP (EPON) Poipu 3	Optics Poipu 1	OAM Koloa	Copper Poipu 2	P2MP (EPON) Poipu 3	Optics Poipu 1	OAM Koloa	Copper Poipu 2	802.3ah EFM Task Force Closing Session Poipu Ballroom
8:30										
9:00										
9:30										
10:00										
10:30										
11:00										
11:30										
12:00	Lunch break	Lunch break				Lunch break				Lunch break
12:30										
1:00	802.3 CSMA/CD Opening Plenary Poipu Ballroom	P2MP (EPON) Poipu 3	Optics Poipu 1	OAM Koloa	Copper Poipu 2	P2MP (EPON) Poipu 3	Optics Poipu 1	OAM Koloa	Copper Poipu 2	802.3 CSMA/CD Closing Plenary Poipu Ballroom
1:30										
2:00										
2:30										
3:00										
3:30										
4:00										
4:30										
5:00										
5:30										
6:00	Dinner break	Dinner break				Dinner break				Dinner break
6:30	Tutorial on 10GBASE-T Poipu Ballroom	Call for Interest on 10GBASE-CX4 Poipu Ballroom				Social				
7:00										
7:30										
8:00	Call for Interest on 10GBASE-T Poipu Ballroom	Call for Interest on Link Layer Security Poipu Ballroom								
8:30										
9:00										
9:30										

Future meetings

- **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*