

IEEE P802.3as
Frame Expansion Task Force
Report to 802.3 CSMA/CD WG

San Francisco, California
18 July 2005

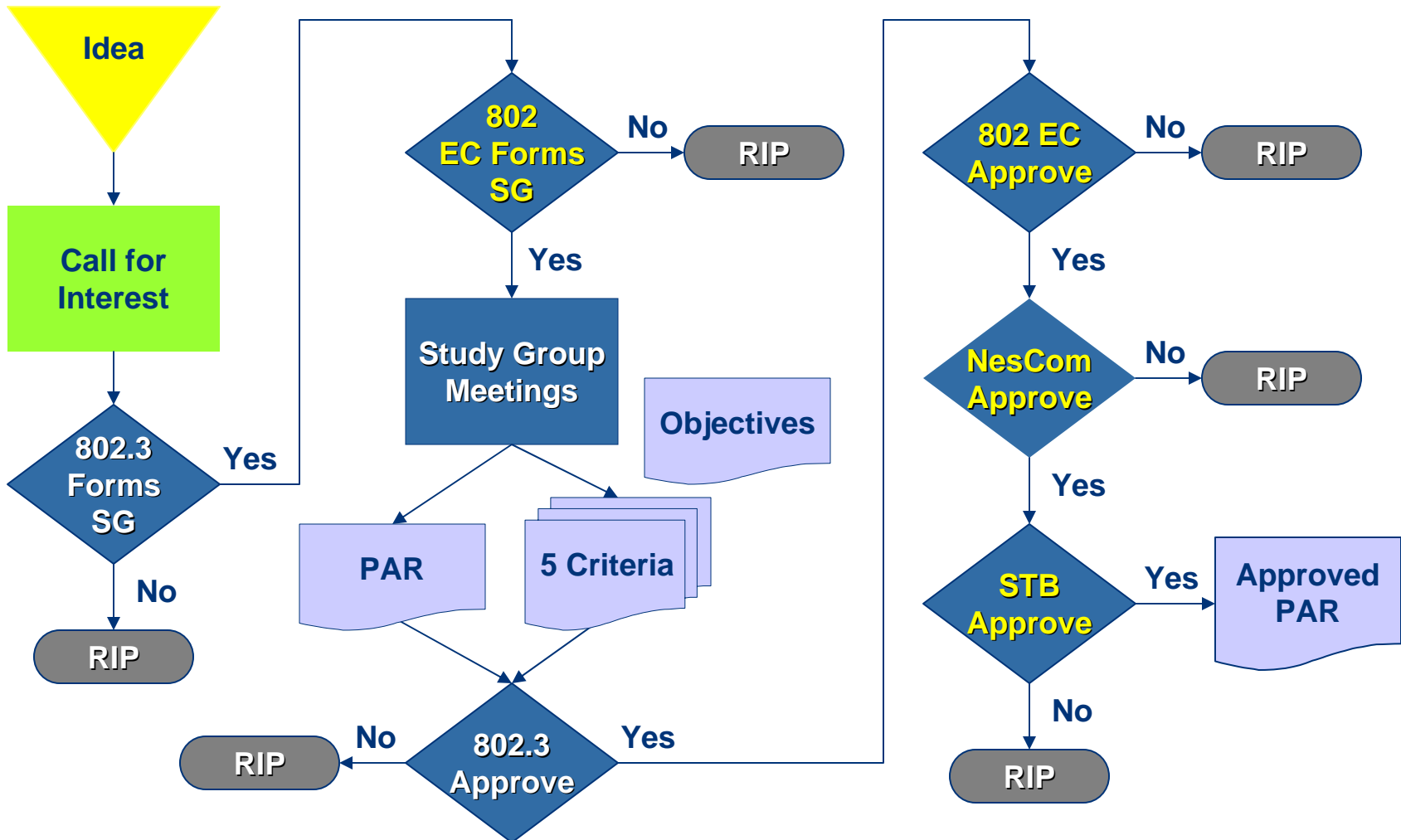
Agenda

- Reflector and web
- IEEE 802.3 standards process
- Objectives
- Report on activities since March
- Projected timeline
- Plan for week

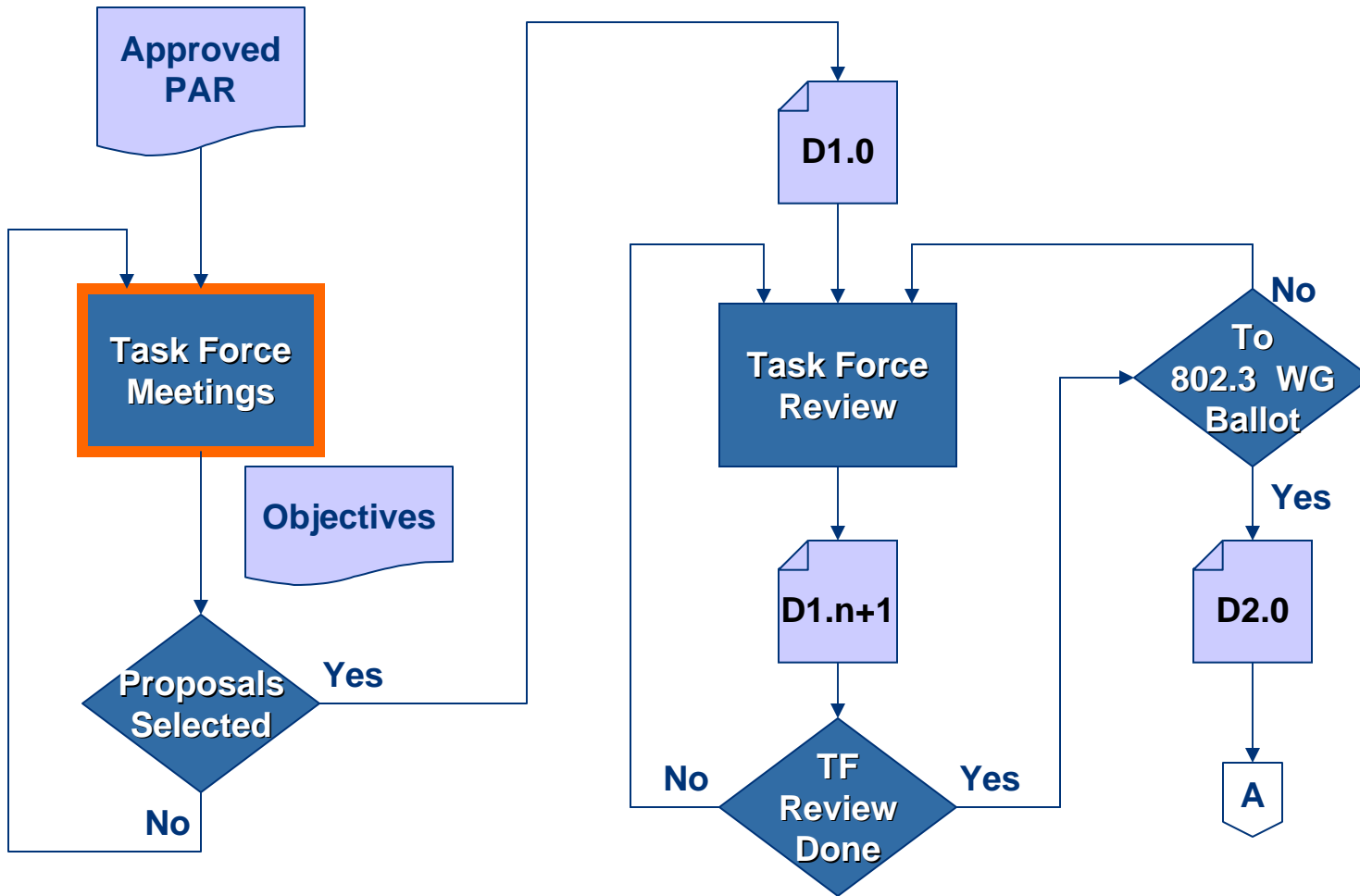
Reflector and Web

- List subscribers: **79** (as of 7/18)
- To subscribe to the Frame Expansion TF reflector send an email to:
listserv@ieee.org
- with the following in the body of the message:
subscribe stds-802-3-fe <first name> <last name>
- Frame Expansion TF web page URL:
<http://www.ieee802.org/3/as/>

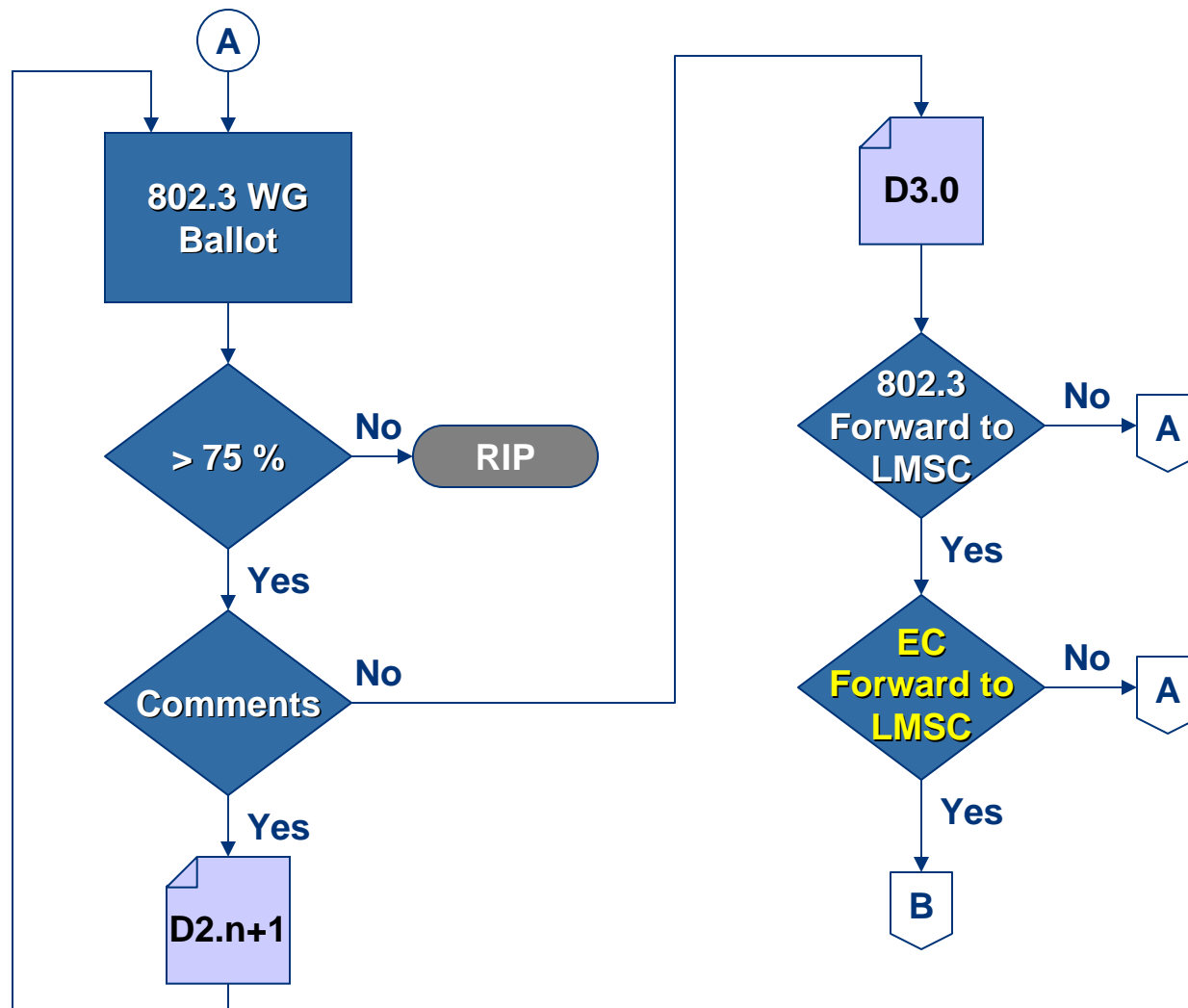
IEEE 802.3 Standards Process (1/4)



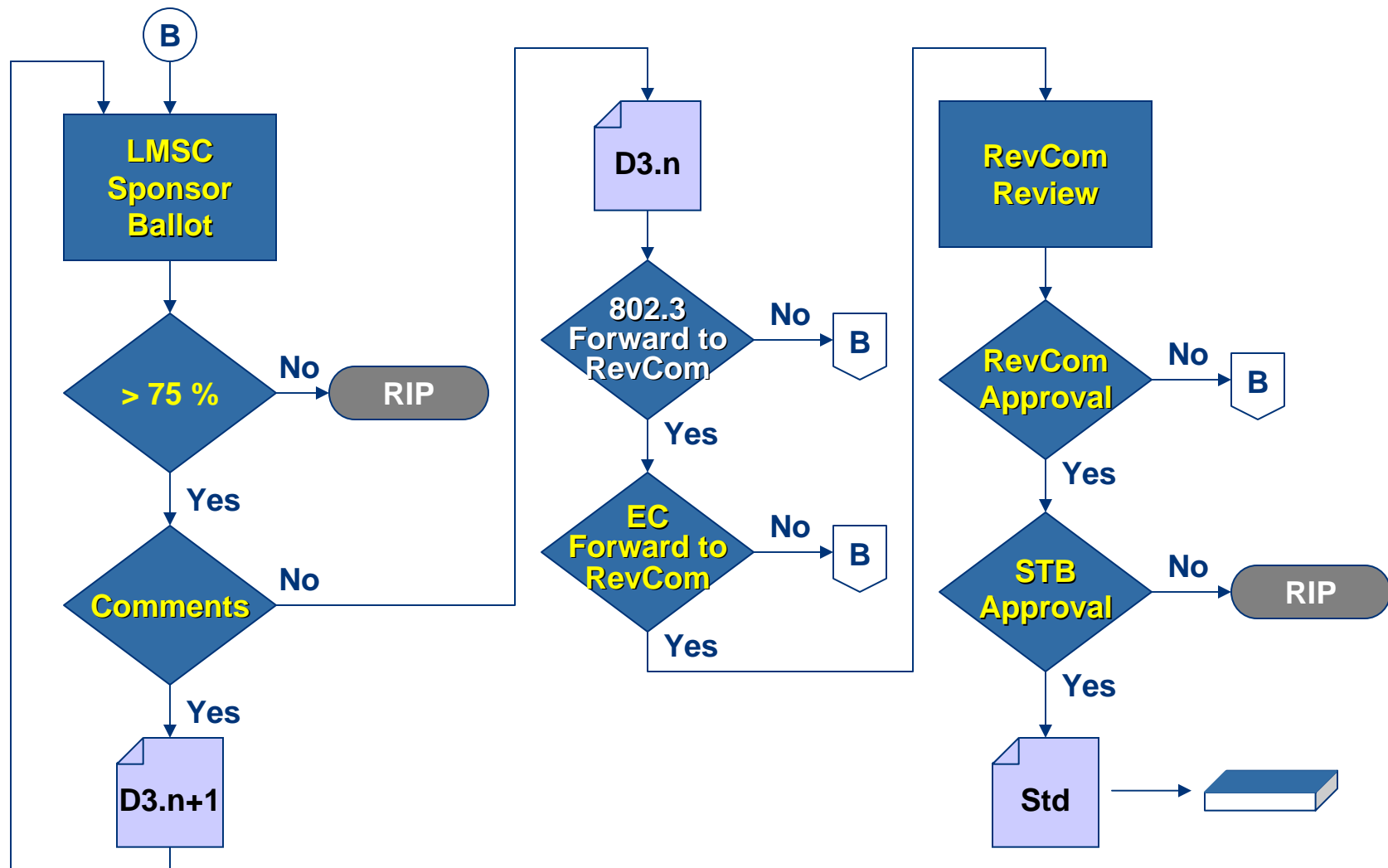
IEEE 802.3 Standards Process (2/4)



IEEE 802.3 Standards Process (3/4)



IEEE 802.3 Standards Process (4/4)



Objectives

- 1) Preserve the IEEE 802.3 MAC data service interface
- 2) Preserve the basic frame format
- 3) Maintain the maximum data field length (1500 octets)
- 4) Increase the maximum frame size exclusively for optional prefix and suffix fields in envelope frames
- 5) Redefine the Tagged frame format as an envelope frame format
- 6) At a minimum, support:
 - a) IEEE 802.1Q Virtual Bridged LANs
 - b) IEEE 802.1ad Provider Bridges
 - c) IEEE 802.1AE MACSec
 - d) ITU-T SG15 Ethernet transport encapsulations
- 7) Investigate and define the largest maximum frame size with minimal impact to existing networks and standards

Approved by IEEE 802.3 WG on 18-Nov-2004

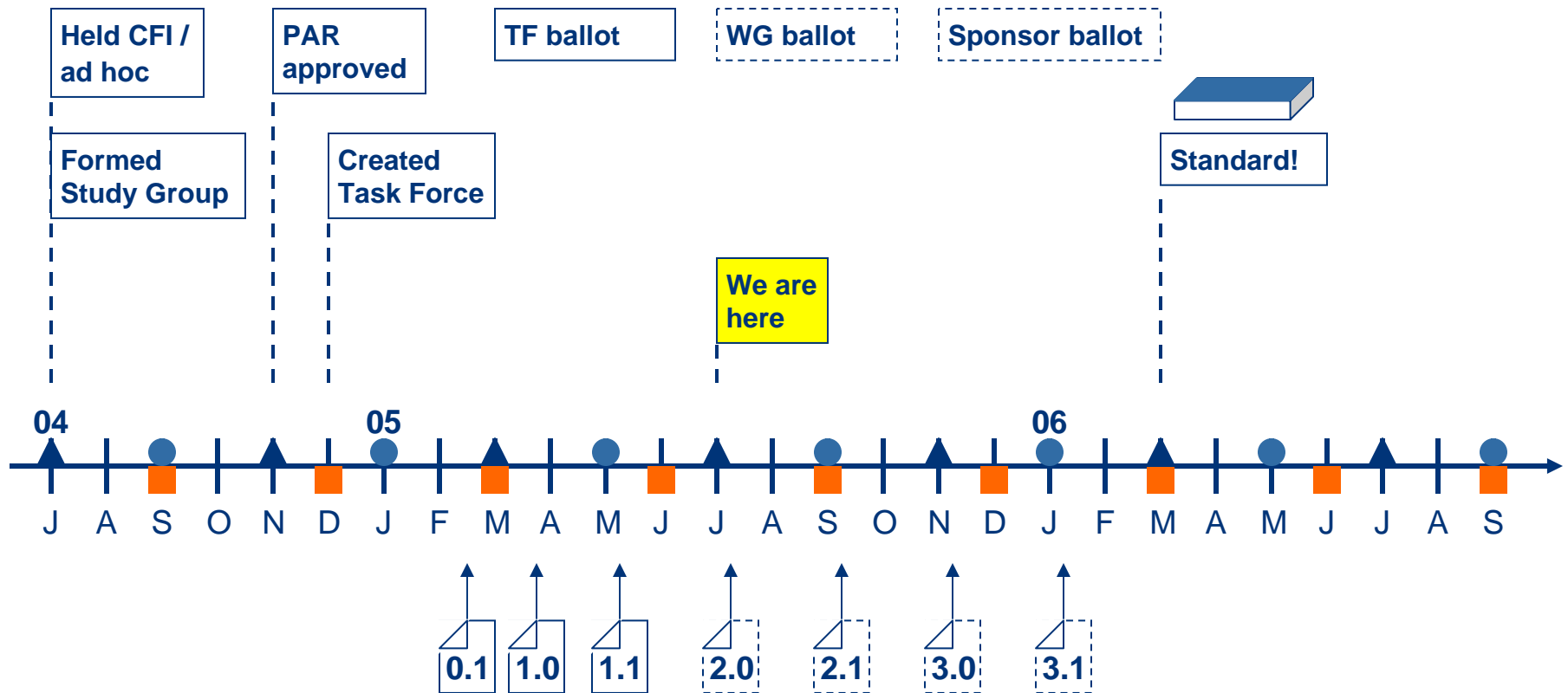
May Interim

- **1-day interim, Austin**
 - **Co-located with 802.3**
- **Performed D1.0 comment resolution**
- **Commissioned editor to create D1.1**

802.3as comment summary

Draft	TR	T	ER	E	Total
D1.0	2	6	4	22	34
D1.1	1	0	0	61	62

Projected timeline



Legend

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

Goals for the week

- **Resolve comments on D1.1**
- **Have editor create D2.0 for WG ballot**
- **Update 802.1 on progress**
- **Request 802.3 WG approve moving to WG ballot on Thursday during 802.3 closing session**

Plans for the week

Day	Time	Room	Activity
Wed 7/20	9a-11a	Hospitality	Joint technical plenary with 802.1
Wed 7/20	1p-4p	Pacific M	Resolve comments on D1.1

Thank You