

IEEE P802.3as
Frame Expansion Task Force

Report to 802.3 CSMA/CD WG

Vancouver, British Columbia
14 November 2005

Agenda

- **Reflector and web**
- **TF objectives**
- **Report on activities since July**
- **Current timeline**
- **Plans for week**

Reflector and Web

- List subscribers: ~80
- 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/>

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

September Interim

- **1-day interim, Nashua, NH**
 - **Co-located with 802.3**
- **Performed D2.0 comment resolution**
- **Commissioned editor to create D2.1**

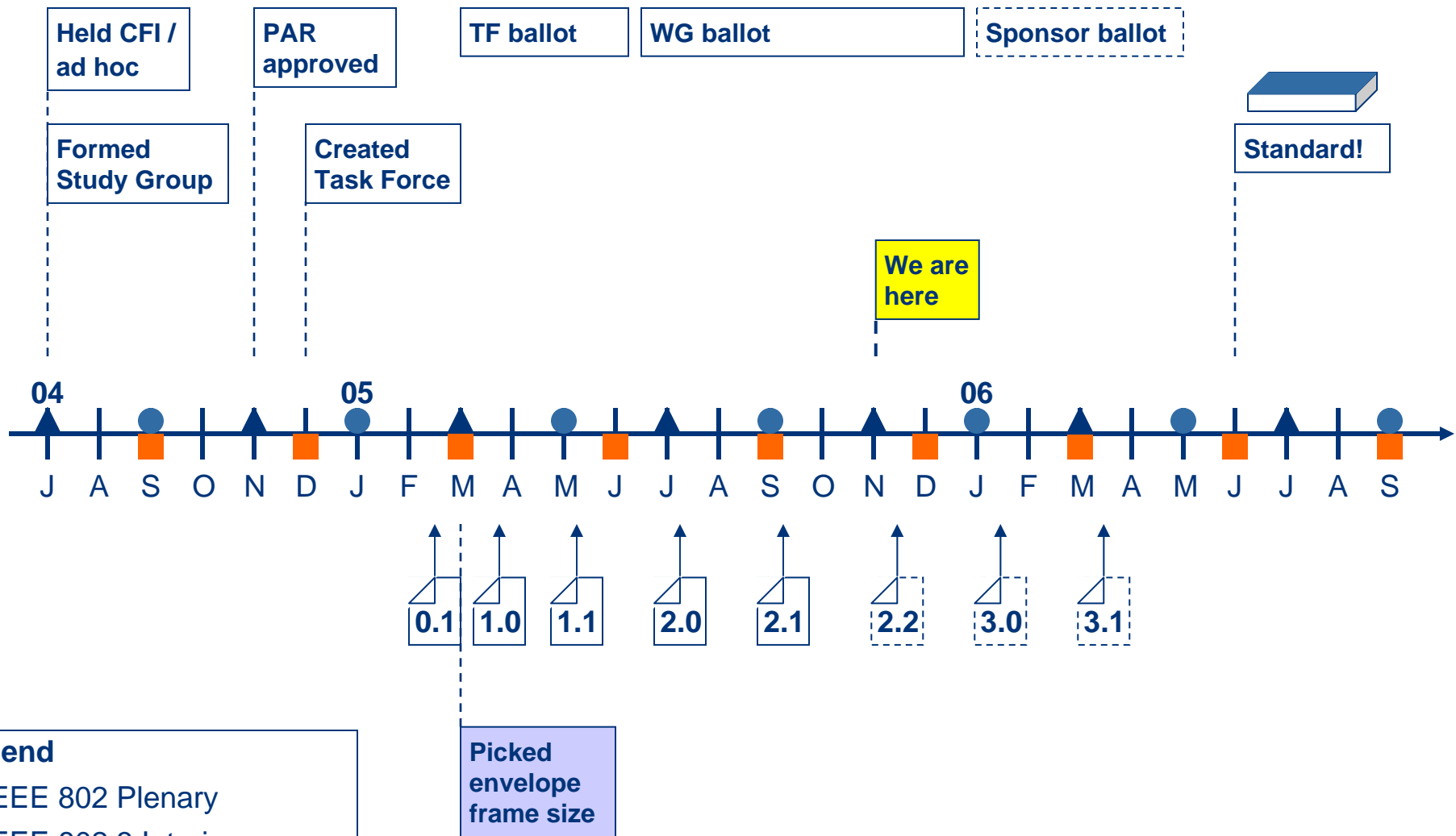
802.3as WG ballot

	D2.0		D2.1	
WG ballot group	200		200	
Ballots returned (>50%)	123	61.5%	127	63.5%
Approve (>75%)	77	82.8%	82	86.3%
Disapprove	16		13	
Abstain (<30%)	30	24.4%	32	25.2%

802.3as comment summary

	TR	T	ER	E	Total
D1.0	2	6	4	22	34
D1.1	1	0	0	61	62
D2.0	46	61	47	81	235
D2.1	24	28	26	50	128

Current timeline



Legend
 ▲ IEEE 802 Plenary
 ● IEEE 802.3 Interim
 ■ IEEE-SA Standards Board

Picked envelope frame size

Goals for the week

- **Resolve comments on D2.1**
- **Have editor create D2.2 for WG re-circ ballot**
- **Request 802.3 WG conditional approval to move to Sponsor ballot on Thursday during 802.3 closing session**

- **Working plan:**
 - **Plan to conduct 15-day D2.2 re-circ**
 - **Resolve D2.2 re-circ comments at January interim**
 - **Open Sponsor Ballot after January interim**

Plans for the week

Day	Time	Room	Activity
Wed 11/16	8:30a-6p	Gabriola	D2.1 comment resolution
Thu 11/17	8:30a-12n	Gabriola	D2.1 comment resolution <i>(if necessary)</i>

Thank You