

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

**Denver, Colorado**  
**6 March 2006**

# *Agenda*

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

# *Reflector and Web*

- List subscribers: ~90
- 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***

# *Interim meetings*

## ■ 10 January 2006

- 1-day interim, Chandler, AZ
  - Co-located with 802.3
- Performed D2.2 comment resolution
- Commissioned editor to create D2.3, 3<sup>rd</sup> re-circ

## ■ 15 February 2006

- 1-day interim, San Diego/teleconference
  - Thanks to Bob Grow/Intel for hosting
- Performed D2.3 comment resolution
- Commissioned editor to create D2.4, 4<sup>th</sup> re-circ

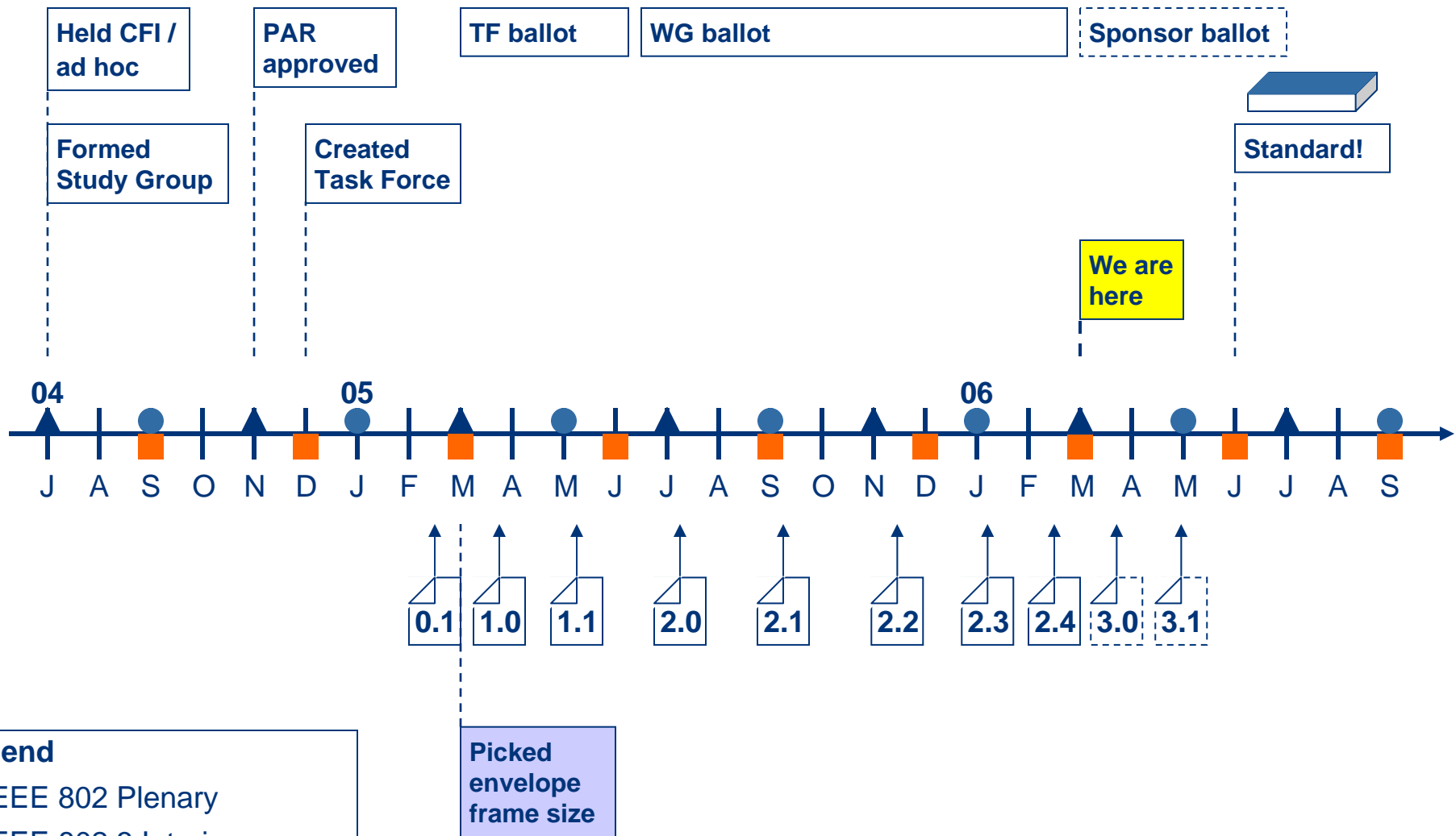
# 802.3as WG ballot

	D2.0		D2.1		D2.2		D2.3		D2.4	
WG ballot group	200		200		200		200		200	
Ballots returned (>50%)	123	61.5%	127	63.5%	128	64.0%	129	64.5%	130	65.0%
Approve (>75%)	77	82.8%	82	86.3%	83	87.4%	88	91.7%	88	92.6%
Disapprove	16		13		12		8		7	
Abstain (<30%)	30	24.4%	32	25.2%	33	25.8%	33	25.6%	35	26.9%

# 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
D2.2	8	11	3	35	57
D2.3	5	19	2	43	69
D2.4	0	0	0	0	0

# Current timeline



**Legend**

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

Picked envelope frame size



# ***Goals for the week***

- **Request 802.3 WG approval to move to Sponsor ballot on Thursday during 802.3 closing session**
- **Interim meeting planning to resolve Sponsor ballot comments**
  - **Discuss April interim meeting**
  - **Discuss May interim meeting**

# *Plans for the week*

<b>Day</b>	<b>Time</b>	<b>Room</b>	<b>Activity</b>
<b>Tue 11/16</b>	<b>1:30p-4p</b>	<b>Granite A (3<sup>rd</sup> floor)</b>	<b>Plan for Sponsor ballot</b>

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# Thank You