

P802.3as Frame Expansion Task Force
Closing Plenary Meeting Report

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- To subscribe to the Frame Expansion TF reflector send an email to:
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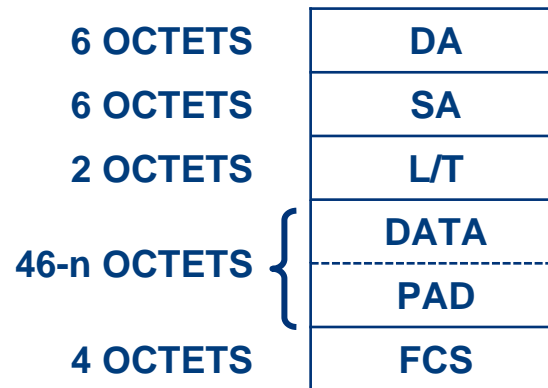
Accomplishments

- **Adopted maximum length for envelope frame**
- **Adopted timeline**
- **Tasked editor to create D1.0 and initiate TF ballot**

TF Motion #1

- **Adopt 2000 octets as the new maximum envelope frame size**
- **M: G. Cravens S: M. Squire**
- **Y: 7 N: 1 A: 5**
- **≥75%**
- **Passes**
- **Room count = 20**

Revised Figure 3-1



Where $n = 1500$ basic frame
 $n = 1504$ Qtagged frame
 $n = 1982$ envelope frame

Note and warning to be added

- **Note in D1.0/3 (*not exact text*):**
 - **1500 should still be used as MAC client data field; additional space to be used for encapsulation header and trailer information**

- **Warning in D1.0/4.4 (*not exact text*):**
 - **Some compliant implementations may not correctly handle envelope frames larger than 1518 octets**

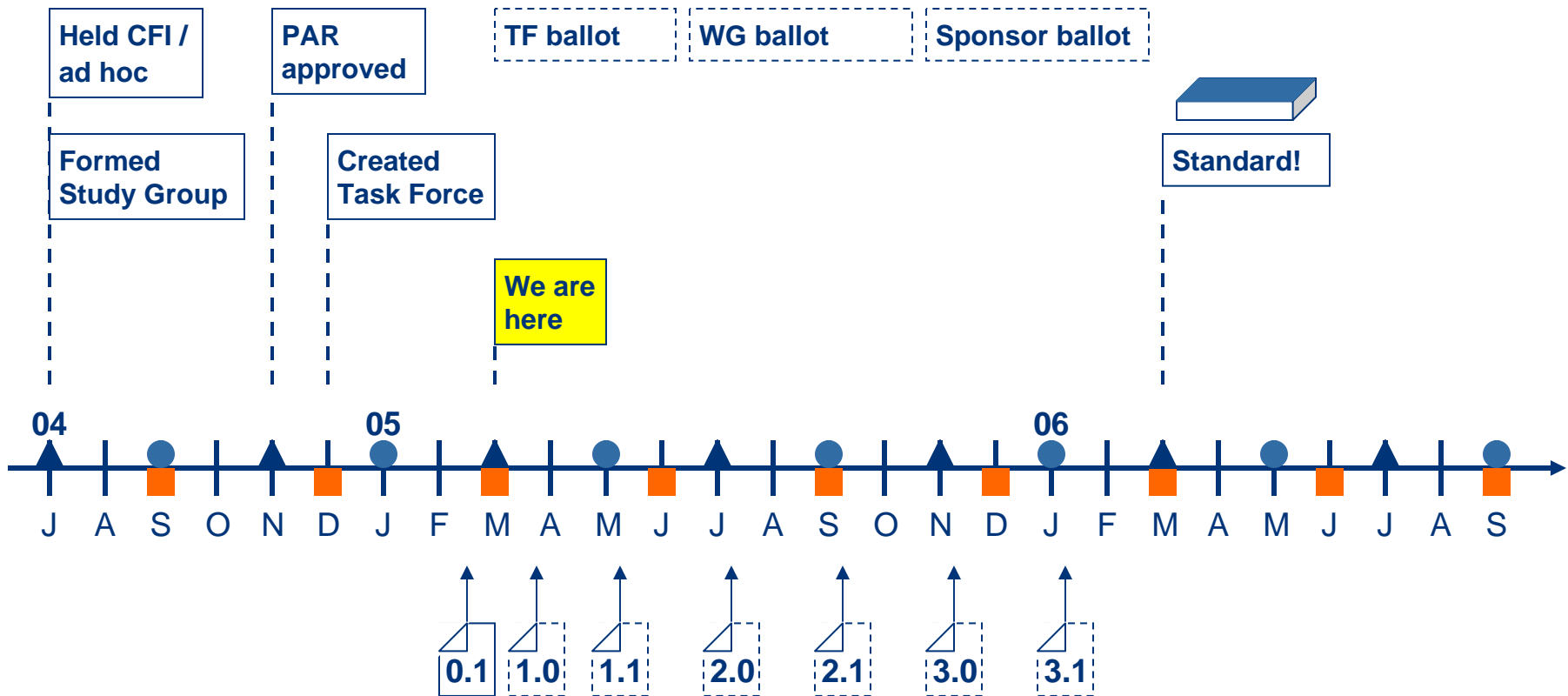
802.3 Motion #_

- **Adopt 2000 octets as the new maximum envelope frame size for the initial draft**
- **M: On behalf of P802.3as TF**
- **Y: 33 N: 0 A: 6**
- **≥75%**
- **Pass/Fail**

TF Motion #2

- **P802.3as Task Force adopt the proposed timeline as found in agenda_1_0503_post.pdf**
- **M: G. Cravens S: M. Squire**
- **Y: 9 N: 0 A: 4**
- **≥75%**
- **Passes**
- **Room count = 16**

Adopted timeline



Legend

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

TF Motion #3

- **Create 802.3as/D1.0 based on Glenn Parsons' D0.1 with comments and edits from the March 2005 meeting and conduct 30-day TF ballot prior to the May 2005 interim**
- **M: G. Parsons S: G. Cravens**
- **Y: 10 N: 1 A: 4**
- **≥75%**
- **Passes**
- **Room count = 16**

Thank you!

Straw polls: frame size

- New max frame size preference:

	1,875 ¹	2,000 ²	2,048 ³	Other value	Don't care	Abstain	Total in room
9/04 FESG	5	3	1	-	-	-	9
11/04 FESG	4	6	4	-	-	-	28
11/04 .3 WG	0	13	8	2	3	17	~70

¹1,875 is the maximum for 10 Mb/s repeaters w/ 3-bit elasticity buffers

Spec requires 2.4288 bit elasticity buffers; assumes implementations use an integral number (3) and not 2.5 bits

²2,000 is 2KB minus some arbitrary space for an internal switch header

³2,048 is the maximum size from the 802.1 work request