

IEEE P802.3as Frame Expansion Task Force

Status Update to 802.1

20 July 2005

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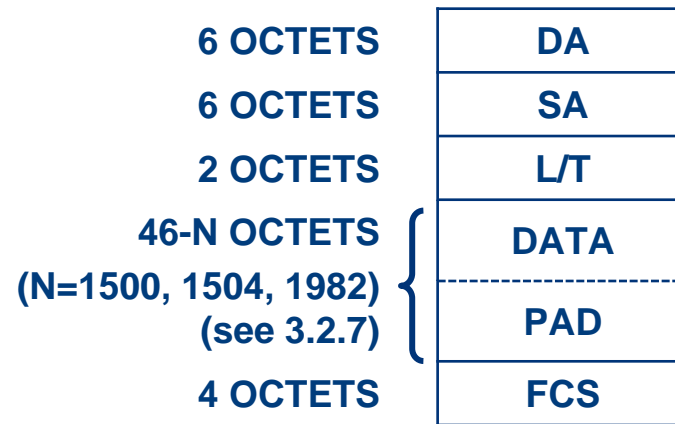
P802.3as TF Objectives

- 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

P802.3as/Figure 3-1

Figure 3–1 MAC frame format



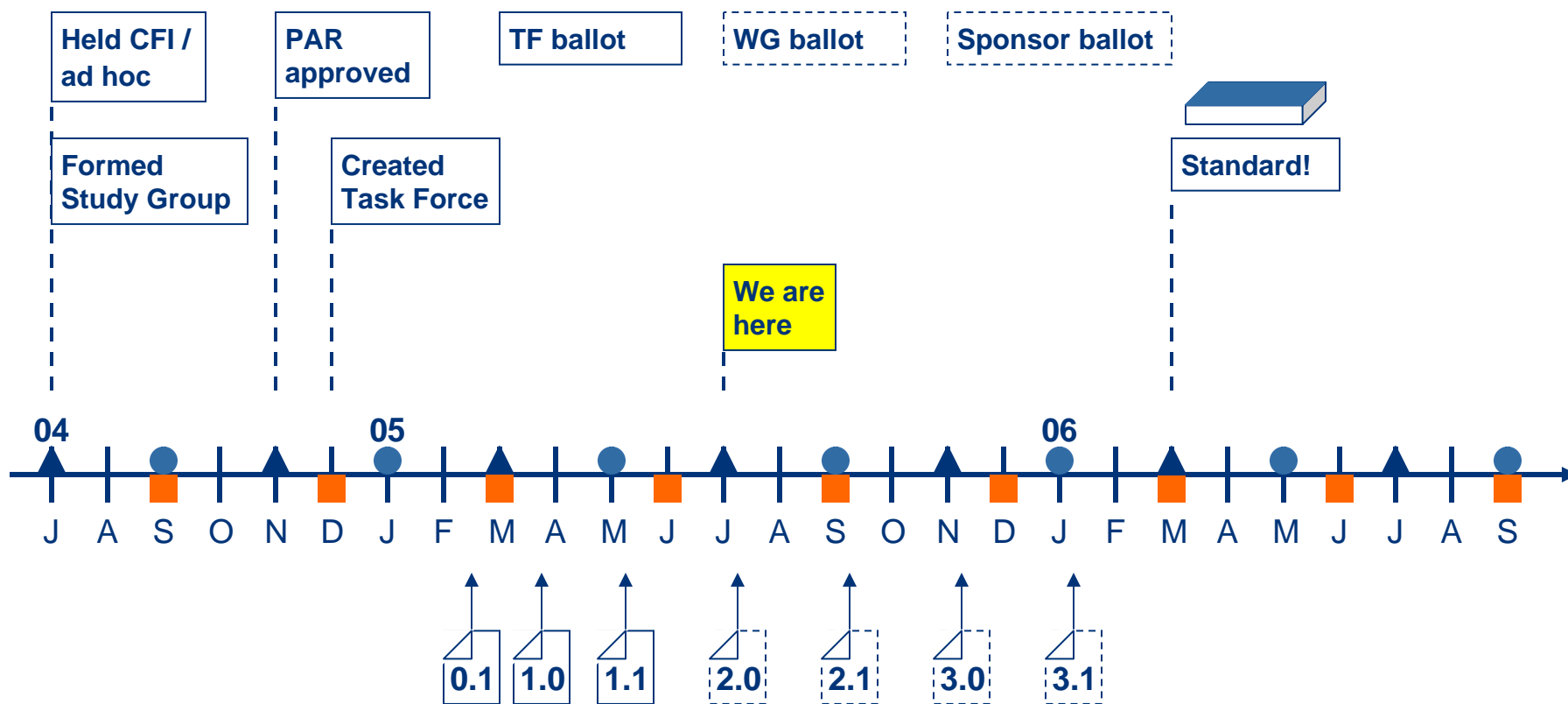
P802.3as comment summary

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

Goals for the July meeting

- **Resolve comments on D1.1**
 - (1) TR, (61) E
- **Have editor create D2.0 for WG ballot**
- **Request 802.3 WG approve moving to WG ballot on Thursday during 802.3 closing session**

Projected timeline



Legend

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

Thank You