

**IEEE P802.3as
Frame Expansion Task Force**

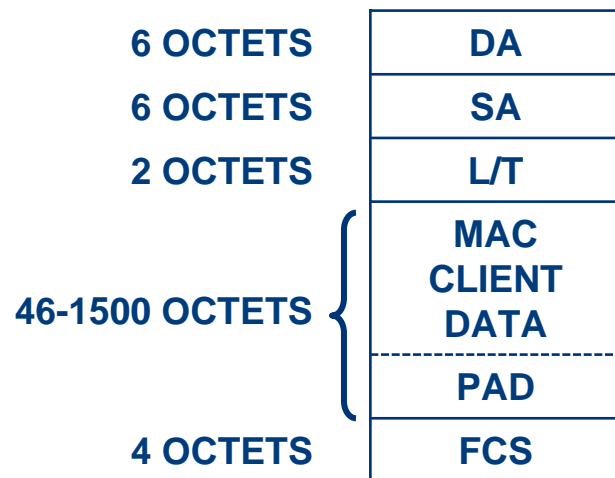
Status update to 802.1

**Atlanta, Georgia
16 March 2005**

Pre-January 2005 approach

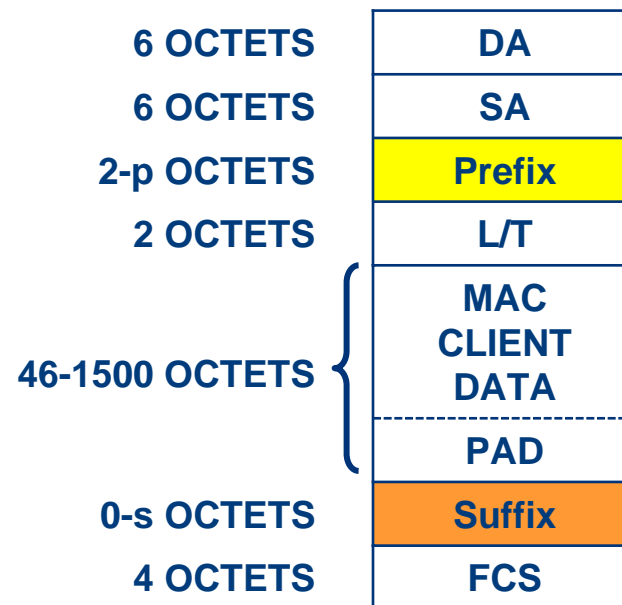
Existing

Figure 3-1 MAC frame format



Replaces Tagged frame format

Figure 3-3 Envelope MAC frame format



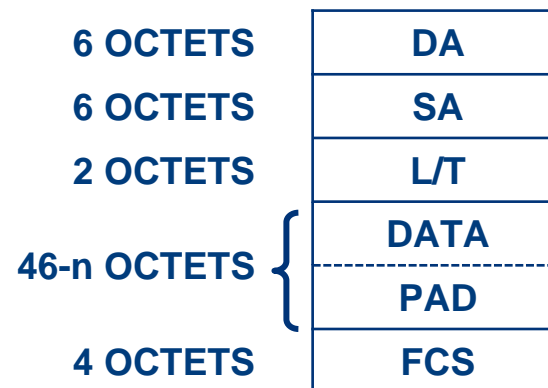
p is 2 to max[2, TBD – suffixSize]

s is 0 to max[0, TBD – prefixSize]

Post-January 2005 approach

Consolidated, simplified

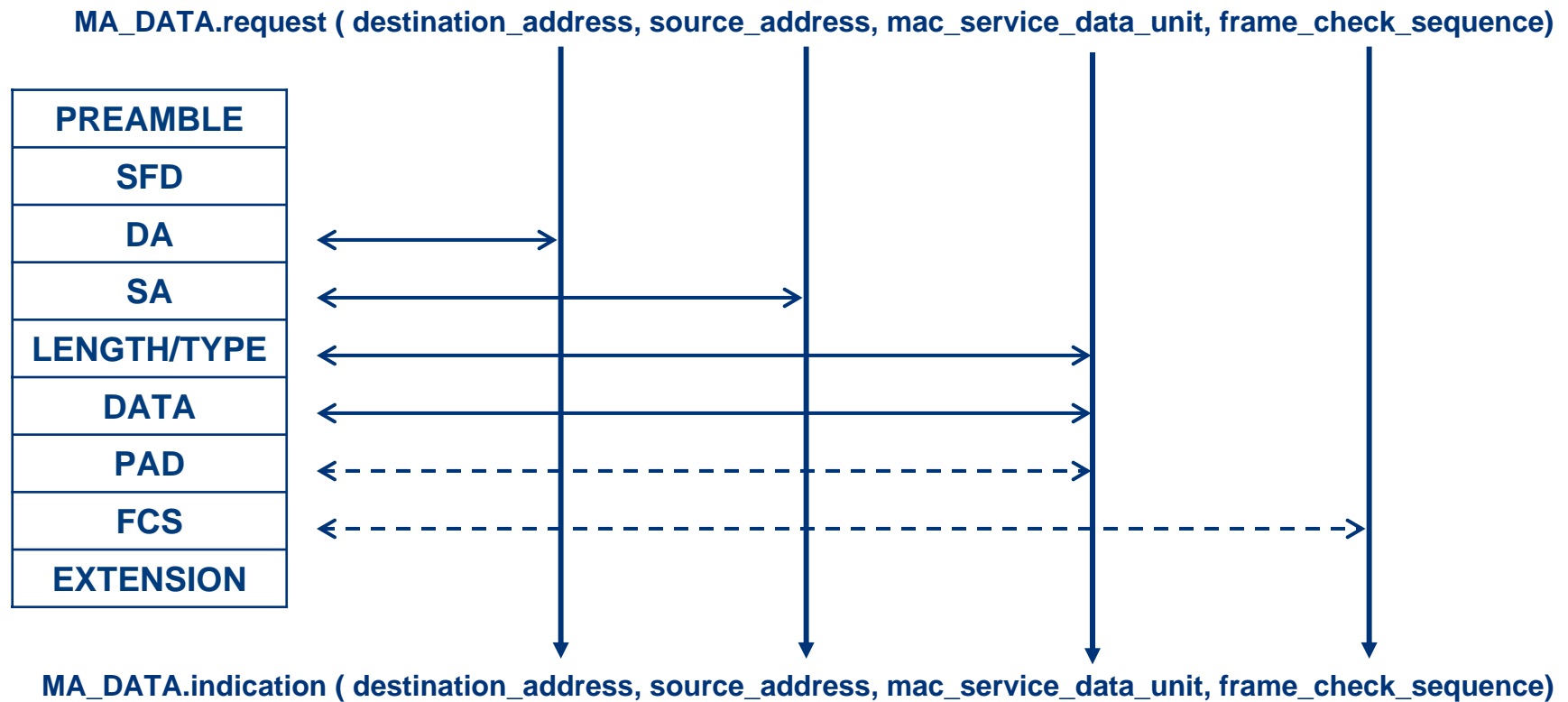
Figure 3-1 MAC frame format



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

New figure 3-2

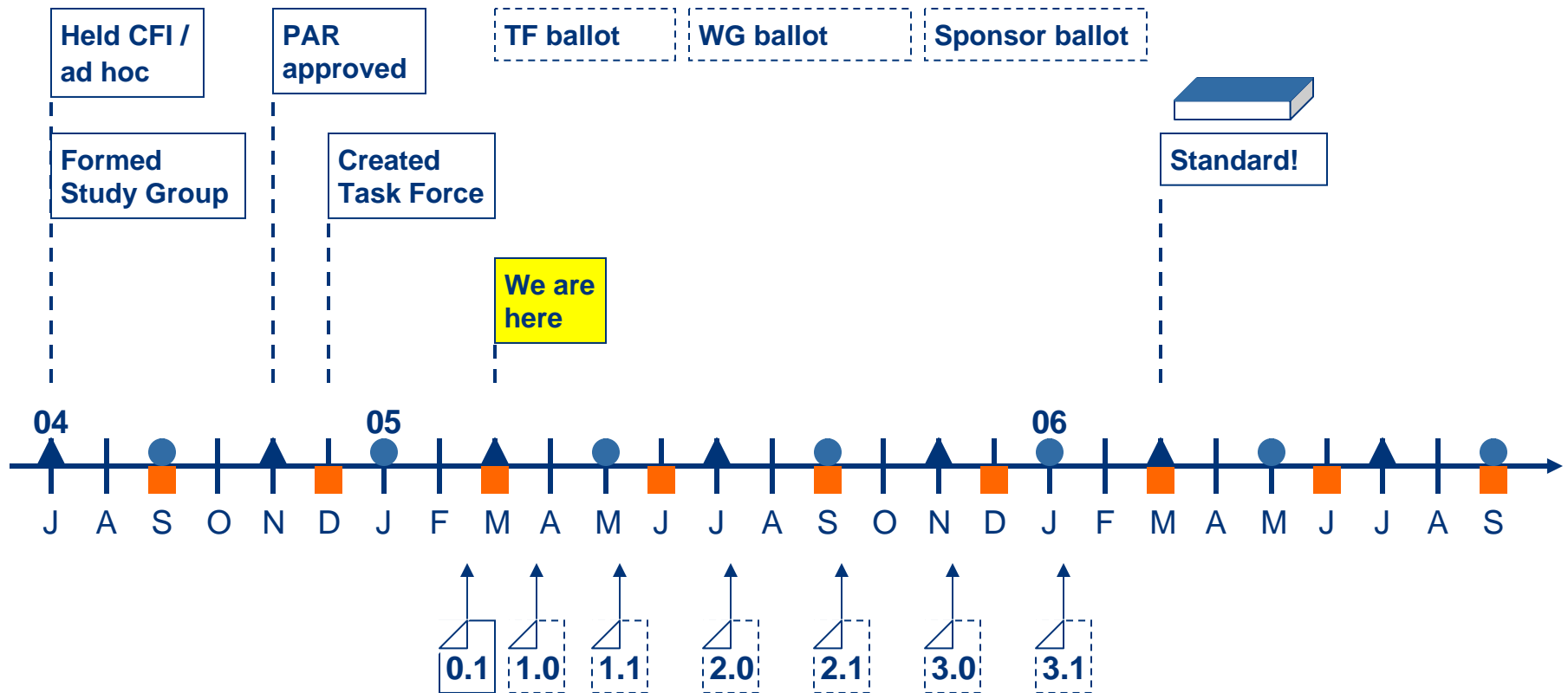
Figure 3-2 Service primitive mappings to frame fields



←————→ Required parameter to/from MAC client

←-----→ Optional parameter to/from MAC client, added by MAC on transmit if not present

Adopted timeline



Legend

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

Future 802.3as meetings

- **IEEE 802.3 Interim**
 - May 20, Austin, Texas
- **IEEE 802 Plenary**
 - July 17-22, San Francisco, California
 - *Next status update to 802.1*
- **IEEE 802.3 Interim**
 - *September TBD, possibly Europe*
- **IEEE 802 Plenary**
 - November 13-18, Vancouver, British Columbia
- **IEEE 802.3 Interim**
 - *January 2006, TBD*