



# Material In Response to D1.1 Comments

## IEEE 802.3bp - Interim Meeting - January 2015

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## Comment #109

- ▶ Approve Lo\_3bp\_04\_0115.pdf for OAM text
- ▶ Text uses section 97.6, however comment #110 recommends the sync state machine be placed in section 97.6 which makes sense from a flow point of view.
- ▶ Hence OAM text should be placed in section 97.7
- ▶ Note that the existing 97.6 (PICS) should be placed in 97.8

## Comment #110

- ▶ **Place in section 97.6**
  - Should reference Lo\_3bp\_01\_0115.pdf pages 3 and 6.
  - The suggested remedy incorrectly references Lo\_3bp\_03\_0115.pdf
- ▶ **In addition to the state machine and variable text above the following is the proposed header text**

### 97.6 PHY Link Synchronization

The synchronization state diagram in this section shall be used to synchronize the PHYs prior to 1000BASE-T1 link training if Clause 98 Auto-Negotiation is disabled. The synchronization state diagram shall not be used if Clause 98 Auto-Negotiation is enabled as the Auto-Negotiation mechanism will be the synchronization mechanism.

## Comment #87

- ▶ **Currently a DME page is 26 half-bits for Golay head delimiter, 48 bits payload, 16 bits CRC16, and 6 half-bits for end delimiter**
- ▶ **Propose change to end delimiter to a single T6 pulse to shorten DME page by 3 half-bits**
- ▶ **If accepted then change**
  - TBD (Tentatively  $164 = 32 + 128 + 6$ ) to 157
- ▶ **If rejected then change**
  - TBD (Tentatively  $164 = 32 + 128 + 6$ ) to 160

## Comment #123

### ▶ If proposal to reduce end delimiter is rejected

- Current resolution to comment #123 is good

### ▶ If proposal to reduce end delimiter is accepted

- Change:

The final 6 transition positions contain the ending Manchester violation delimiter, which marks the end of the page. The ending Manchester violation contains transitions at positions TBD (Tentatively 153 and 156) and no transitions at the remaining positions. Position TBD (tentatively 159) contains a transition from active to quiet.

- To:

The final 3 transition positions contain the ending Manchester violation delimiter, which marks the end of the page. The ending Manchester violation contains transitions at positions 155 and no transitions at the remaining positions. Position 158 contains a transition from active to quiet.

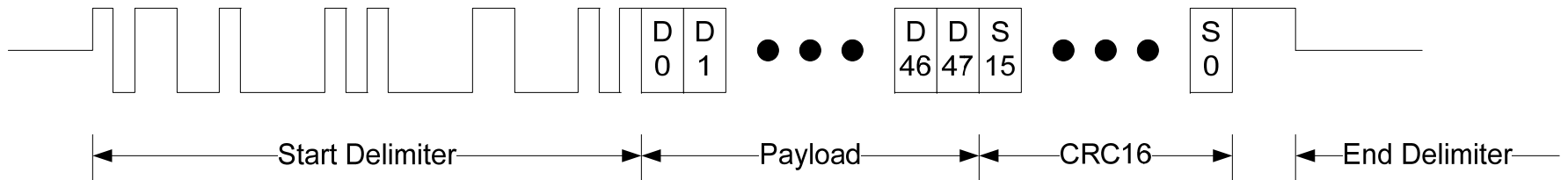
## Comment #92

▶ **If proposal to reduce end delimiter is rejected**

- Current resolution to comment #92 is good

▶ **If proposal to reduce end delimiter is accepted**

- Use this diagram instead



# THANK YOU