

Comment 72

Proposed changes to Status report fields in Tables 94-10 and 94-13 - Arthur Marris's interpretation of Adee Ran's comment against 802.3bj/D2.0

"status report" field has two different definitions

- Two different definitions:
 - Table 94-10 for training mode
 - Table 94-13 for EEE mode
- This adds needless complexity:
 - see Adeo Ran's comment 72 against 802.3bj/D2.0
- So consolidate into a single table

Differences between Tables 94-10 and 94-13

Cell	Table 94-10	Table 94-13
19	Parity	Parity
18	Reserved	Mode
17:15	Reserved	Reserved
14	Reserved	Missing
13:12	Training frame countdown	Alert frame countdown
11:6	PMA alignment offset	Reserved/PAO
5:0	Coefficient status	Reserved

Consolidate Into a single Table 94-10

Cell	Name	Description
19	Parity	Set to achieve even parity for status report field
18	Mode	0: training, 1: EEE alert
17:16	Frame countdown	Number of frames remaining before transition to data mode.
15:13	PMA alignment offset	Relative location of the next training frame within the PMA frame (set to 000 for training)
12:7	Reserved	Transmitted as zeros
6	Receiver ready	1 = The local receiver has determined that training is complete and is prepared to receive data (set to 1 for EEE alert) 0 = The local receiver is requesting that training continue
5:0	Coefficient status	Always zero for EEE alert

Other changes to the draft

- Change second sentence of 94.3.10.7 to read:
 - “The format of the status report field of training and alert frames shall be as shown in Table 94–10”
- Change second sentence of 94.3.11.1.3 to read:
 - “The format of the status report field of training and alert frames is ~~shall be as shown in Table 94–10~~”
- Delete Table 94-13