



# Clause 73 Message Page 10

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# Clause 73 Message Page 10 Background

- Message Page 10 is defined in Annex 73A and 45.2.7.13a in 8023az-D1-1.PDF but the complete details in regards to bit definitions are missing. This will attempt to address those missing details.
- In a Clause 73 message next page there are 32 bits of unformatted code field and in a Clause 73 unformatted next page there are either 32 or 43 bits of unformatted code field and we should try to utilize them efficiently.
- Bits [15:11] are used for NP, ACK, MP, ACK2 and T respectively and bits [10:0] are used for the message code field in the message page. For unformatted next pages, these 11 bits are additional unformatted code field bits.



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- Next page exchange commences after the base page exchange if either local or link device requests such transfers.
- EEE Technology Next Page (MP10) + unformatted next page(s) may be or may not be the 1<sup>st</sup> message page after the base page. Other message page(s) + their respective unformatted next page(s) may precede or follow it.
- MP10 + unformatted next pages need not be the last message page of the auto negotiation process.



# Clause 73 Aggregate Registers

- EEE advertisement reg [48:1] = {16'b0, 7.60.15:0, MP10}
- Ip EEE advertisement reg [48:1] = {16'b0, 7.61.15:0, MP10}
- EEE timer capability reg[48:1] = {32'b0, 7.64.15:0}
- Ip EEE timer capability reg[48:1] = {32'b0, 7.65.15:0}



# Thank You

