

IEEE P802.3df D3.1 1st Sponsor recirculation ballot comments

<i>Cl</i> 172A	<i>SC</i> 172A	<i>P</i> 282	<i>L</i> 51	# R1-39
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<i>Comment Type</i>	TR	<i>Comment Status</i>	R	(<i>bucket2</i>)

Experience with Annex 172A shows us how valuable it is. But more complexity follows: twice "Mux and 10-bit symbol distribution" as in 119.2.4.8 Figure 119-11 (with an order reversal that doesn't seem to be mentioned in the text), then 32:8 bit mux as in 173.5.2.1 where the two flows get interleaved, which is a new thing and worth an example.

SuggestedRemedy

Show some of the 16+16-lane output of the PCS for these cxA and cxB. It may be enough to show e.g. the beginnings of lanes 1 and 31, enough to include some differences between four codewords.

Also show some of the 8-lane output of an 32:8 bit mux from that (which could go in a NOTE in 173). Again, showing a couple of lanes would be enough to resolve most or all misinterpretations or ambiguities. Add a cross-reference from here.

If only a few hundred bits are needed, it could go in text. But if a more complete example is preferred, tables could be added and plain-text equivalents uploaded.

<i>Response</i>	<i>Response Status</i>	U
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REJECT.

The example patterns are provided to help the implementer confirm correct interpretation of the encoding functionality which is complex.

Figure 119-11 provides sufficient guidance to correctly implement "Mux and 10-bit symbol distribution". Therefore adding the suggested additional patterns is not necessary.

There is no consensus to make the proposed changes.