



Response to Comment #541 on D2.0

Contribution to IEEE 802.3cy

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December 6, 2022

Summary

- Work items for P802.3cy D3.0 are captured in the document [wienckowski 3cy 01a D3d0 work items](#)
- This presentation provides feedback on comment #541 on D2.0
- The comment states that “*The value of L and the choice of precoding are requested by the link partner during link training - which is a PMA function. These values have to be passed to the PCS for correct encoding.*”
- Our assessment is that current draft correctly handles “value of L and the choice of precoding”, and that **no update is needed to the draft related to this comment**

Comment # 541 on D2.0

- Potential Issue (165.2.2)
 - The value of L and the choice of precoding are requested by the link partner during link training - which is a PMA function. These values have to be passed to the PCS for correct encoding.
 - Since all information exchange from the PMA to the PCS is defined in terms of service interface primitives, some primitive should indicate the value of L and precoding selection.
 - The of PMA_CONFIG.indication could be expanded to include these values but I suspect it may not be straightforward, since the existing content (master or slave) is available before training starts, but the values of L and precoding are determined only later.
- Request without specific solution
 - Add a primitive as described in the comment, in the text and figures as necessary.
- Volunteer: Ragnar Jonsson

wienckowski_3cy_01a_D3d0_work_items

2

[From wienckowski 3cy 01a D3d0 work items](#)

Explanation

- The comment is based on the assumption that passing L value and precoding selection is a PMA function, which is not correct
- The L value and precoding selection is passed in the Infocfield, which is decoded by the PCS
- The L value and precoding selection is used internally in the PCS, and there is no need to communicate these values to the PMA

- For additional details on the L value and precoder selection see
 - 165.3.2.2.15 RS-FEC superframe and round-robin interleaving
 - 165.3.2.2.20 Selectable precoder