

Strawpoll Challenges

**Joint Session -
IEEE P802.3df Task Force
IEEE P802.3dj Task Force**

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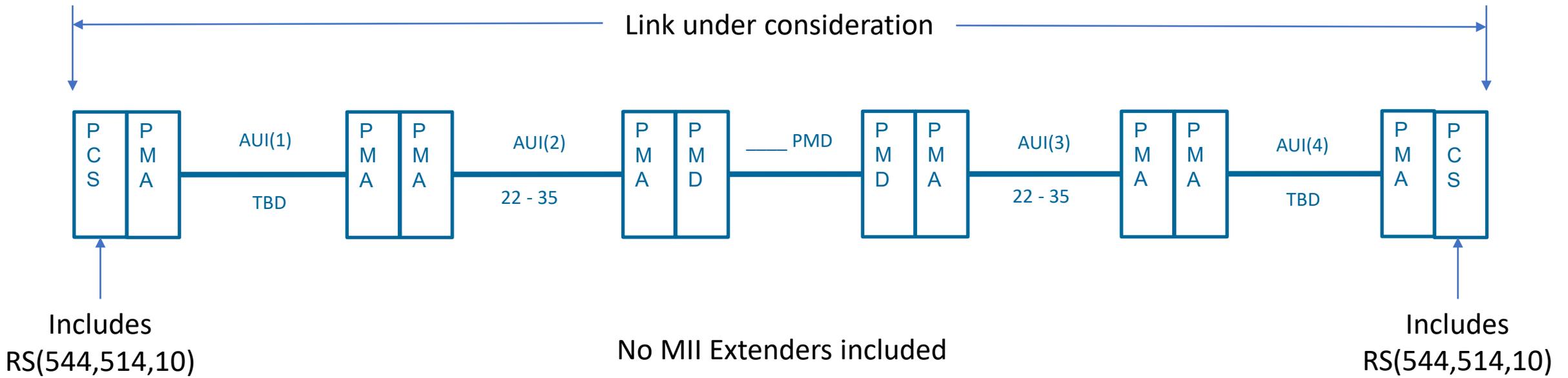
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Foreword

- Motion #4, Jan 2023 Session reaffirmed adoption of RS(544,514,10) as the FEC encoding for the 200G/lane AUIs (C2M and C2C)
- It is assumed that the PCS allows the use of AUIs. (Note – at this time it is unclear if all PCS's will allow AUI's in the PHY. For example, 400GBASE-ZR PCS does not allow AUI's in the PHY only above.)



1. What about use of Extender? (Resets the FEC). Historically 802.3 Std has supported two AUI's per host.
2. Even if AUI(1) & AUI(4) are 0 and PMD adds 0 errors – will just RS544 work?
3. Are there other considerations for inclusion of second FEC (cost reduction, error statistics / monitoring)?

Assuming we get common understanding of these issues – then need to look at it for each PMD and potential commonality.

There is understanding to build and issues to resolve before productive use of straw polls.
Proposal is to address during Optics Ad hoc on 2/22.