

Thoughts for XR Ad Hoc

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Overview

- MMF Baseline proposal pepeljugoski_01_0508 provides the most cost-effective solution for current objectives that leverages existing technology (SFI Limited)
- EDC and CDR on linecards will increase cost/power consumption for all ports even though vast majority will not need it. For 10x10 solutions in particular this will be prohibitive.
- Petrilla_xr_01_0508 is path of least resistance also leveraging existing technology and infrastructure (optional FEC sublayer of 10GBASE-KR)
 - Doesn't comply with "identification" criteria in gustlin_xr_01_0508, but in any practical implementation it can be dealt with through mechanical keying

Summary:

- pepeljugoski_01_0508 is the baseline for MMF
- Consider petrilla_xr_01_0508 as an option (optional FEC?)