

EFM Copper

Copper recap

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The story so far...

- **Build on what we have**
PAR + 5, objectives
- **Consensus so far**
Generally agreed items
Part objective
- **Goals for this week**
Baselines
Discussions
... and that darned objective...

This is what we do

- **PAR + 5**
Structure and requirements of an 802.3 standard
This part is mandatory!
- **Rate & reach objective**
2500ft, 10mbps, yada, yada, yada...
We signed up to it, let's do it
- **Spectral compatibility objective**
Also mandatory (where applicable)
We didn't make these rules

Consensus

- **As suggested last time**
 - Simulation environment
 - Randomizer, FEC, Interleaver
 - Framing (with out of band management)
 - OAM – everybody loves it
 - Upstream power back off
 - MII / MDIO – with MAC-PHY rate matching
- **New consensus**
 - If it's in all the baselines, it's consensus!
 - New items to add next meeting?

Presentations

- **Background**
 - Simulation and test environment
- **Baseline**
 - 2 x “soup to nuts”
 - 3 x PHY-MAC rate matching
 - Loop aggregation (in advance of objective!)
- **Discussion**
 - Rate adaption

New objectives

- **Continuation of previous**
3600m agreed – data rate & loop aggregation to go
- **No more as yet**
Awaiting proposals
- **Nomenclature**
What should we be called?
10BROAD-VG ? (10BROAD-VGn for loop aggregation)

The Copperheads march on...

- Questions?