

Generating the EEE Draft

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EEE will touch many clauses

- New clause to cover EE (Clause 93)
- Multiple PHYs
 - Twisted pair
 - Backplane
- Autonegotiation
- Management
- MAC interface
- EEE negotiation

Clause list

	Comment/ Qualifier	Clause	Subclause s	Editor
Energy Efficient Ethernet	New	94		
Twisted pair				
10BASE-T		14		Mandeep Chaddha
100BASE-TX	Full Duplex	25		
1000BASE-T	Full Duplex	40		
10GBASE-T		55		
Backplane		69		
1000BASE-KX		70		
10GBASE-KX4		71		
10GBASE-KR		72		

Clause list 2

	Comment/ Qualifier	Clause	Subclause s	Editor
MAC interfaces				
MIII		22		
GMII		35		
XGMII		47		
Autoneg twisted pair		28		Jeff Lepak
Backplane autoneg		73		Jeff Lepak
GDMO		30		Hugh Barrass
Management		45		Hugh Barrass
Introduction		1		
Introduction to 1000 Mb		34		
Introduction to 10G		44		

Status

- As per task force adopted timeline, need D1.0 by Sept 2008
- Several proposals have been made and discussed
- Need resolutions adopting proposals to use as basis to develop the draft
- Need directive from chair/task force to generate the draft
- EEE covers many PHYs and we should get started on writing these up if we can
 - Proposals that have been adopted by the task force should be put into the draft or it will become hard to develop these further
- A draft is a good way to get focused attention on the details once the basic approach has been hammered out

Twisted pair

- Not comprehensive list (reverse chrono)
- 10BASE-T
 - chaddha_01_0508.pdf
- 100BASE-TX
 - chou_01_0508.pdf
 - chou_01_0308.pdf adopted as part of baseline 3/08
- 1000BASE-T
 - healey_01_0508.pdf
 - healey_01_0308.pdf adopted as part of baseline 3/08
 - Subset phy based in powell_01_0308.pdf
- 10GBASE-T
 - LPI based
 - taich_01_0508.pdf
 - woodruff_01_0508.pdf
 - zimmerman_02_0308.pdf
 - Subset phy based
 - powell_01_0308.pdf

Backplane

- Not comprehensive list (reverse chrono)
- 1000BASE-KX
 - Do we need an addition to the objectives?
 - booth_01_0508.pdf
- 1GBASE-KX4
 - Are the 1000BASE-KX proposals intended to cover KX-4 too?
- 10GBASE-KR
 - telang_01_0308.pdf

EEE negotiations

- Some included in associated PHY specific presentations
- MII/GMII
 - chou_02_0508.pdf
- Hays_01_0508.pdf
 - Would require definitions of TLVs for LLDP

Autoneg

- Some included in associated PHY specific presentations

Management