

Editor's report

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IEEE P802.3bj Task Force
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Status report

- Draft 0.1 posted 11 May 2012
- Implementation of adopted baseline proposals
- Integration into the 100 Gb/s Ethernet architecture
 - Overview, service interface, management, etc.

Amended clauses

Clause	Amendments	Adopted baseline
1	New normative references, definitions, abbreviations	Implied by adopted baselines
30	Add new management objects/attributes	
45	Add new registers/bits	
69	Add new backplane PHY(s)	
73	Auto-Negotiation support for new PHYs	marris_01_0312
78	Add new Energy Efficient PHYs	Implied by adopted baselines
80	Add new 100 Gb/s Ethernet PHYs, EEE primitives	
81	EEE signaling	barrass_01_0312
82	EEE signaling and state machines	
83	Add new signals to support EEE	
85	100GBASE-CR10 EEE	

New clauses

Clause	Topic	Adopted baseline
91	Reed-Solomon Forward Error Correction (FEC)	gustlin_01_0312 cideciyan_01a_0312 brown_01a_0312
92	100GBASE-CR4 PMD	diminico_01a_0112 diminico_01a_0312 tracy_01_0312
93	100GBASE-KR4n (PAM-2) PMD	dudek_03_0312
94	100GBASE-KR4p (PAM-4) PMA/PMD	brown_01a_0312 brown_02_0312

- New clauses organized based on expected re-use
- Medium characteristics integrated into each PMD clause

Meet the team...

Editor	Edited
Hugh Barrass	Clauses 30, 45, 80–83, 85
Matt Brown	Clause 94
Chris DiMinico	Clause 92, Annex 92A
Adam Healey	Chief editor, clauses 91 and 93, miscellanea

Work items (partial list)

- Items that are **TBD** marked in magenta
- PHY nomenclature
- Transmitter and receiver characteristics (all PMDs)
- Medium characteristics (all PMDs)
- FEC optional or mandatory, arbitration (-CR4, -KR4n)
- Inter-sublayer signaling over CAUI for EEE
- PMA and PMD behaviors for EEE
- Delay and skew limits
- Management integration

Objectives

- Agree on a starting point, draft 1.0
- Formalize the process for making changes to the draft
- To request Working Group ballot November 2012...
- ...draft must be “technically complete” following September interim