

P802.3cd Proposed Draft Structure

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Introduction

- Proposed P802.3cd draft structure
 - modified structure shown in brown_3cd_01_0916
 - modified based on successful adoption of optical objectives and baselines
 - modified with official clause numbers.
 - points to clauses and annexes likely to be used as initial source material and to be modified per adopted baselines.
 - not intended for locking down nomenclature

New Clauses and Annexes, part 1 (architecture)

C/A #	Clause Topic	Potential Source
131	50G Introduction	N/A
132	50G RS + MII	Clause 81 40G/100G RS/MII
133	50G PCS	Clause 82 40G/100G PCS
134	50G FEC	Clause 91 100G FEC
135	50G/100G PMA	Clause 120 200G/400G PMA
135A	50G/100G PMA partitioning examples	Clause 120A

New Clauses and Annexes, part 2 (AUI)

C/A #	Clause Topic	Potential Source
135B	LAUI-2 C2C	Annex 83D CAUI-4 C2C
135C	LAUI-2 C2M	Annex 83E CAUI-4 C2M
135D	50GAUI-2 C2C 100GAUI-4 C2C	Annex 120B 400GAUI-16 C2C
135E	50GAUI-2 C2M 100GAUI-4 C2M	Annex 120C 400GAUI-16 C2M
135F	50GAUI-1 C2C 100GAUI-2 C2C	Annex 120D 400GAUI-8 C2C
135G	50GAUI-1 C2M 100GAUI-2 C2M	Annex 120E 400GAUI-8 C2M

New Clauses and Annexes, part 3 (PMD)

C/A #	Clause Topic	Potential Source
136	50GBASE-CR, 100GBASE-CR2, 200GBASE-CR4 PMD	Clause 110 25GBASE-CR and Annex 120D 400GAUI-8 C2C
136A	Copper cable test points, budget, etc.	Annex 110A
136B	Copper cable and AUI C2M test fixtures	Annex 110B
136C	Copper cable form factors	Annex 110C
137	50GBASE-KR, 100GBASE-KR2, 200GBASE-KR4 PMD	Clause 111 25GBASE-KR and Annex 120D 400GAUI-8
138	50GBASE-SR, 100GBASE-SR2, 200GBASE-SR4 PMD	Clause 95 100GBASE-SR4
139	50GBASE-FR, 50GBASE-LR PMD	Clause 122 400GBASE-FR8/LR8
140	100GBASE-DR PMD	Clause 124 400GBASE-DR4

Amended Clauses and Annexes

C/A #	Clause Topic	Potential Amendments
1	Definitions, abbreviations, etc.	new defs., abbrs., etc.
4	MAC	new rate
4A	Simplified full duplex MAC	new rate
30	Management Objects	new content for 50G/100G/200G
31B	MAC Pause operation	new rate
45	MDIO	new content for 50G/100G/200G
69	Backplane	new content for 50G/100G/200G
73	AN	new content for 50G/100G/200G
78	EEE	new rate
80	40GE/100GE introduction	new 100G PMD/AUI
90	Time Sync	new rate
91	RS-FEC	new 100G AM mapping, etc.
93A	Specs. for Elec. Channels (COM)	new PMD support
116	400GE/200GE introduction	new 200G PMD

Thanks!