Editorial Considerations

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Introduction

- Review potential P802.3cd draft structure.

- For discussion only at this time.

- Use this list as a guideline for required baseline material.

Potentially New Clauses and Annexes

Clause #	Clause Topic	Potential Source/Implementation
X	50G Introduction	based on 802.3by Clause 105
X+1	50G RS + MII	based on Clause 81 40G MII
X+2	50G PCS	based on Clause 82 40G PCS
X+3	50G FEC	based on Clause 91 RS(544,514)
X+4	50G PMA	based on Clause 83 40G PMA
(X+4)A	50G PMA sublayer partitioning examples	based on Annex 83C or Annex 109A
X+5	Copper Cable PMD: 50GBASE-CR, 100GBASE-CR2, 200GBASE-CR4	based on CDAUI-8
(X+5)A	Copper cable test points, budget, etc.	based on Annex 92A or 802.3by Annex 110A
(X+5)B	Copper Cable and AUI C2M test fixtures	based on 110B
(X+5)C	Copper Cable form factors	based on 110C
X+6	Backplane PMD: 50GBASE-KR, 100GBASE-KR2, 200GBASE-KR4	based on CDAUI-8
X+7	100 m MMF PMD: 50GBASE-SR, 100GBASE-SR2, 200GBASE-SR4	no direct legacy clause
X+9	2 km SMF PMD: 50GBASE-FR PMD 10 km SMF PMD: 50GBASE-LR PMD	based on 802.3bs Clause 123 (D1.3)

Potentially Amended Clauses and Annexes

Clause #	Clause Topic	Potential Amendments
0	Front matter	
1	Definitions, abbreviations, etc.	new defs., abbrs., etc.
4	MAC	add 50G rate table 4-1
4A	Simplified full duplex MAC	new rate
30	Management Objects	new content for 50G/100G/200G
31B	MAC Pause operation	minor change to 31B.3.7 and PICS
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	add 50G rate
80	40GE/100GE introduction	add new 100G PHY/AUI support
83	40GE/100GE PMA	add new 100G PHY/AUI support
90	Time Sync	add 50GMII references (90.1, 90.6)
91	RS-FEC	Add 2-lane FEC 100GE
93A	Specs. for Electrical Channels (COM)	minor changes
116	400GE/200GE introduction	Add new 200G PMD to list
120B	CCAUI-8/CDAUI-16 C2C	Add 50GAUI-2 C2C, alternately new annex
120C	CCAUI-8/CDAUI-16 C2M	Add 50GAUI-2 C2M, alternately new annex
120D	CCAUI-4/CDAUI-8 C2C	Add 50GAUI-1/CAUI-2 C2C, alternately new annex
120E	CCAUI-4/CDAUI-8 C2M	Add 50GAUI-1/CAUI-2 C2M, alternately new annex