

Editors' report

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IEEE P802.3ct Task Force, Vancouver, March 2019

Introduction

The IEEE P802.3ct project (via P802.3cn) has adopted baselines for:

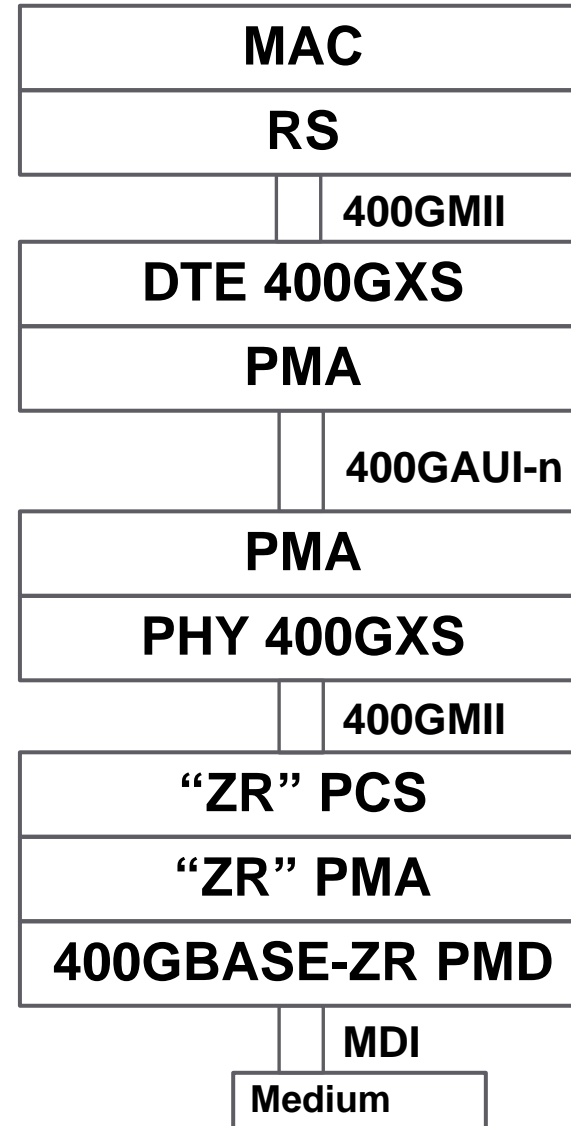
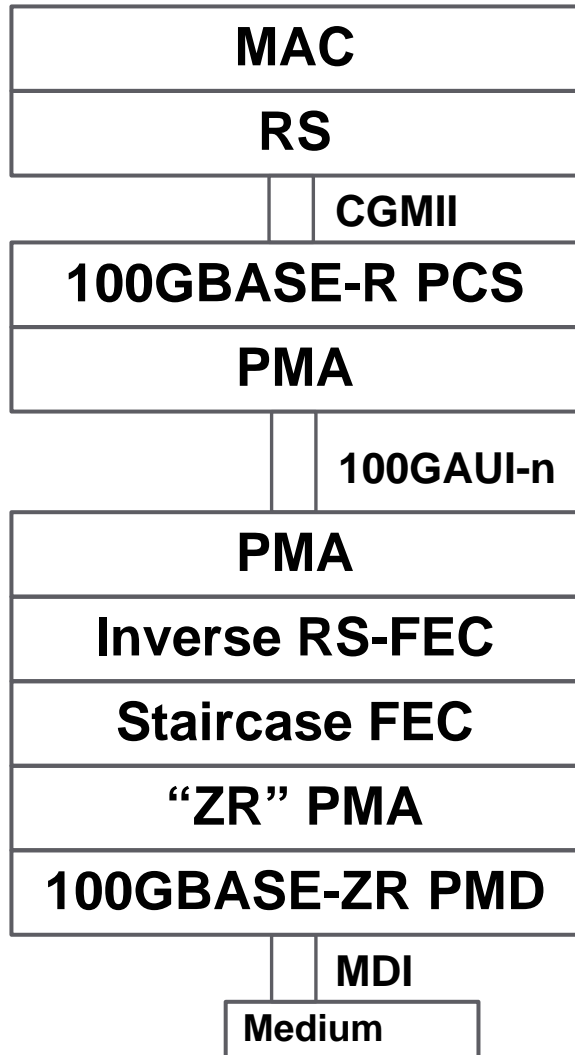
- 100GBASE-ZR FEC and frame format on slides 9 to 16 of `trowbridge_3cn_01a_0119`
- 400GBASE-ZR PCS/PMA in `lyubomirsky_3cn_01b_0119`

And has adopted the following modulation formats:

- DP-DQPSK modulation format for 100GBASE-ZR
- DP-16QAM modulation format for 400GBASE-ZR

On the assumption that the P802.3ct project accepts these baselines, this presentation from the P802.3ct editors starts to look at the possible structure of the P802.3ct amendment.

Expected stacks



New clauses

Clause	Content	Baseline
200*	Inverse RS-FEC sublayer	Need baseline
201*	Staircase FEC and PMA for 100GBASE-ZR	Baseline adopted
202*	PMD clause for 100GBASE-ZR	Need baseline
203*	PCS (including FEC) and PMA for 400GBASE-ZR	Baseline adopted
204*	PMD clause for 400GBASE-ZR	Need baseline

* Clause numbers 200 to 204 are placeholders.

Amended clauses

Clause	Change	
1	Add new references, definitions, abbreviations	
30	Add new management objects / attributes	
45	Add new registers / bits	
78	Add new EEE fast wake PHYs	
80	Add new 100G PHY type	
116	Add new 400G PHY type	
Annex A	Add any new bibliography entries	

Editorial team

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Thanks!