

Editorial Update

Gary Nicholl, Cisco

IEEE P802.3cu Task Force, Indianapolis, September 2019

Baseline Proposals

- Adopted:
 - 100GBASE-FR1
 - 100GBASE-LR1
 - 400GBASE-FR4
- Still to be adopted:
 - 400GBASE-LR4

Status

Following the Vienna meeting the editors generated a P802.3cu D0.4 update, incorporating the adopted baselines for 100GBASE-FR1, 100GBASE-LR1 and 400GBASE-FR4.

The D0.4 draft was published on the 802.3cu private site on August 16, and an email sent to the reflector requesting feedback/comments.

<http://www.ieee802.org/3/cu/private/index.html>

Thank you to everyone who provided feedback to the editorial team on the previous draft, and helped with the generation of D0.4.

A special call out to Pete Anslow who went above and beyond (as usual) in providing comprehensive review, feedback and guidance during the generation of D0.4 (150+ comments!).

Based on these efforts the editorial team will be in the position to generate a high quality D1.0 draft very quickly after the TF adopts a baseline for 400GBASE-LR4.

Next Steps

- Adopt a 400GBASE-LR4 baseline
- Generate a D1.0 draft and open formal task force review

Thanks!

Amended Clauses

Clause #	Clause Topic	Amendments
0	Front matter	
1	Definitions, abbreviations, etc.	New defs., abbrs., etc.
30	Management Objects	Add new 100G/400G PHY types
45	MDIO	Add new 100G/400G PHY types
78	EEE	Add new 100G/400G PHY types (optional fast wake EEE)
80	40GE/100GE introduction	Add new 100G PHYs to list
91	RS-FEC Sublayer	Add new 100G PHY types
116	400GE/200GE introduction	Add new 400G PHYs to list
140	100GBASE-DR, FR and LR PMD	Add new 100GBASE-FR and 100GBASE-LR PMDs

New Clause

Clause #	Clause Topic	Potential Source
151	400GBASE-FR4 and 400GBASE-LR4 PMDs	Clause 122 (200GBASE-FR4/LR4) and Clause 140 (100GBASE-DR4)

Editorial Team

Gary Nicholl, Cisco

- Chief Editor and Editor for clauses FM, 1, 30, 45, 78, 80, 91 and 116

David Lewis, Lumentum

- Editor for optical clauses; Clause 140 (100GBASE-FR, 100GBASE-LR) and Clause 151 (400GBASE-FR4, 400GBASE-LR4)

Mark Kimber, Semtech

- Advisor and reviewer for optical clauses