

IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet Task Force Report

George Zimmerman

CME Consulting/ADI, APL Group, Cisco,
CommScope, Marvell, SenTekSe

Electronic Plenary

March 2022

IEEE P802.3de Project Information

Task Force Organization

George Zimmerman, IEEE 802.3de Task Force Chair & Editor

Task Force web and reflector information

Reflector information: <https://www.ieee802.org/3/de/reflector.html>

Note – project uses same reflector as GT10Mb/s SPE SG, please put 802.3de in the Subject line

Home page: <https://www.ieee802.org/3/de/index.html>

Private area: <http://www.ieee802.org/3/de/private/index.html>

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PAR: https://www.ieee802.org/3/de/P802d3de_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0197-00-ACSD-p802-3de.pdf>

Objectives: https://www.ieee802.org/3/de/objectives_07212021.pdf

IEEE P802.3de Task Force

Activities during March 2022 plenary

Comment resolution meeting held March 15, 2022, responded to 2 comments on WG ballot recirculation

- Task force affirmed desire to remove half-duplex MAC MERGE from objectives

- Task force requested progress to initial SA ballot

Ballot Results – 3/10/2022

NO unsatisfied comments, (1 unsatisfied from D2.1 -> NOW REMOVED)
 2 new comments (from the floor) on D2.2 – no new disapproves

March 15, 2022						
	D2p0	D2p0%	D2p1	D2p1%	D2p2	D2p2%
Voters	248		248		248	
Return	165	66.5%	173	69.8%	183	73.8%
Approve	134	97.1%	141	98.6%	155	100.0%
Disapprove w/comment	4	2.9%	1	0.7%	0	0.0%
Disapprove w/o comment	0	0.0%	1	0.7%	0	0.0%
Abstain	27	16.4%	30	17.3%	28	15.3%
Comments	64		9		0	
Comments w/floor	64		9		2	
Comments w/floor & late	64		9		2	

Task Force Requests Objective Change

Task Force Motion

Straw Poll (comment 78)

- I support changing objective 3
From: Enable use of the 10BASE-T1S PHY with Clause 99 MAC Merge in both half-duplex and full-duplex point-to-point modes.
To: Enable use of the 10BASE-T1S PHY with Clause 99 MAC Merge in full-duplex point-to-point mode.
 - Y: 11
 - N: 0
 - A: 0
 - Room count: 11

Motion #1

- Request IEEE 802.3 Change objective 3
 - From: Enable use of the 10BASE-T1S PHY with Clause 99 MAC Merge in both half-duplex and full-duplex point-to-point modes.
 - To: Enable use of the 10BASE-T1S PHY with Clause 99 MAC Merge in full-duplex point-to-point mode.
- M: Geoff Thompson
S: Chad Jones
- Motion passes by unanimous consent
(24 participants, 20 802.3 voters)

2/15/2022 IEEE P802.3de Enhancements to MAC Merge and TSSI for Pt-to-Pt 10 Mb/s SPE Task Force Page 33

From Agenda deck (01a) – 2/15/2022
IEEE P802.3de Task Force Meeting

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From Agenda deck (01b) – 3/15/2022
IEEE P802.3de Task Force Meeting

Motion:

Change the 3rd Objective as shown:

Enable use of the 10BASE-T1S PHY with Clause 99 MAC MERGE in ~~both half-duplex and~~ full-duplex point-to-point modes.

M: George Zimmerman on behalf of the Task Force

Task Force Motion

Motion #2

- Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0197-00-ACSD-p802-3de.pdf> and request unconditional approval to progress the P802.3de draft to IEEE Standards Association ballot

M: Gergely Huszak

S: Bob Voss

Motion passes by unanimous consent

(24 on call, 20 voters)

Motion

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0197-00-ACSD-p802-3de.pdf> and request unconditional approval to progress the P802.3de draft to IEEE Standards Association ballot

M: George Zimmerman on behalf of the Task Force
Motion passes/fails

Questions?

Thank you!