

IEEE 802.3 motions

Closing IEEE 802 EC

Friday 13th July 2018

ME 5.032: IEEE P802.3bt DTE Power via MDI over 4-Pair to RevCom (conditional)

IEEE P802.3bt DTE Power via MDI over 4-Pair to RevCom (conditional)

Item 1: Date the ballot closed

6th Sponsor recirculation ballot on IEEE P802.3cb draft D3.6 closed 7th July 2018 at 23:59 ET

Item 2: Vote tally

	Initial Draft D3.0			1 st Recirculation Draft D3.1			2 nd Recirculation Draft D3.2			3 rd Recirculation Draft D3.3			4 th Recirculation Draft D3.4			5 th Recirculation Draft D3.5			6 th Recirculation Draft D3.6			Req %
	#	%	Status	#	%	Status	#	%	Status	#	%	Status	#	%	Status	#	%	Status	#	%	Status	
Abstain	2	2	PASS	1	1	PASS	3	2	PASS	3	2	PASS	4	3	PASS	4	3	PASS	5	4	PASS	< 30
Dis with comment	15	-	-	14	-	-	12	-	-	13	-	-	9	-	-	4	-	-	2	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-	-	-
Approve	71	82	PASS	81	85	PASS	89	88	PASS	91	87	PASS	95	91	PASS	100	96	PASS	101	98	PASS	≥ 75
Ballots returned	88	77	PASS	96	84	PASS	104	91	PASS	107	93	PASS	108	94	PASS	108	94	PASS	108	94	PASS	≥ 75
Voters	114	-	-	114	-	-	114	-	-	114	-	-	114	-	-	114	-	-	114	-	-	-
Comments	483	-	-	474	-	-	141	-	-	114	-	-	68	-	-	19	-	-	2	-	-	-
Public comments	0	-	-																			

IEEE P802.3bt DTE Power via MDI over 4-Pair to RevCom (conditional)

Item 3: Comments that support the remaining disapprove votes and WG responses
2 disapprove votes, one with no outstanding comments

See: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0151-00-00EC-ieee-p802-3bt-draft-d3-6-unsatisfied-comments.pdf>

Clause 11 'Procedure for conditional approval to forward a draft standard' of IEEE 802 LMSC Operations Manual includes the text 'Where a voter has accepted some comment resolutions and rejected others, only the comments of which the voter has not accepted resolution should be presented.'

IEEE P802.3bt DTE Power via MDI over 4-Pair to RevCom (conditional)

Item 4: Recirculation ballot and resolution meeting schedule

7 th Sponsor recirculation ballot day one	24 th Jul 2018
RevCom submittal deadline	27 th Jul 2018
7 th Sponsor recirculation ballot close date	7 th Aug 2018
IEEE P802.3bt comment resolution meeting	13 th Aug 2018
8 th Sponsor recirculation ballot day one	15 th Aug 2018
8 th Sponsor recirculation ballot close date	29 th Aug 2018
IEEE P802.3bt comment resolution meeting	3 rd Sep 2018
RevCom teleconference	4 th Sep 2018
RevCom submittal deadline	6 ^h Jul 2018
SASB teleconference	27 th Sep 2018
RevCom teleconference	15 th Oct 2018

Note: 8th Sponsor recirculation ballot only if required

IEEE P802.3bt DTE Power via MDI over 4-Pair to RevCom (conditional)

Motion

Conditionally approve sending IEEE P802.3bt to RevCom

Approve CSD (grandfathered 5 criteria) modification documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0139-00-00EC-ieee-p802-3bt-draft-modified-csd.pdf>

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote

Y: 119, N: 0, A: 2

**ME 5.033: IEEE P802.3.2 (IEEE 802.3cf) YANG
Data Model Definitions to Sponsor ballot
(conditional)**

IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to Sponsor ballot (conditional)

Item 1: Date the ballot closed

3rd Working Group recirculation ballot on IEEE P802.3.2 (IEEE 802.3cf) draft D2.2 closed
21st June 2018 at 23:59 AOE

Item 2: Vote tally

	Initial Draft D2.0			1 st Recirculation Draft D2.1			2 nd Recirculation Draft D2.2			Req %
	#	%	Status	#	%	Status	#	%	Status	
Abstain	32	26	PASS	34	26	PASS	32	24	PASS	< 30
Dis with comment	14	-	-	12	-	-	9	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	-
Approve	74	84	PASS	84	87	PASS	92	91	PASS	≥ 75
Ballots returned	120	55	PASS	130	60	PASS	133	61	PASS	> 50
Voters	216	-	-	216	-	-	216	-	-	-
Comments	195	-	-	160	-	-	19	-	-	-

IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to Sponsor ballot (conditional)

Item 3: Comments that support the remaining disapprove votes and WG responses

5 unresolved negative comments from 2 commenters

See: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0150-00-00EC-ieee-p802-3-2-ieee-802-3cf-draft-d2-2-unsatisfied-comments.pdf>

Three comments relate to draft format

Current structure optimizes readability.

Two comments relate to Remote Procedure Calls (RPC)

No specific proposal was provided.

IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to Sponsor ballot (conditional)

Item 4: Recirculation ballot and resolution meeting schedule

3 rd Working Group recirculation ballot day one	17 th Jul 2018
3 rd Working Group recirculation ballot close date	31 th Jul 2018
IEEE P802.3.2 (IEEE 802.3cf) comment resolution meeting	14 th Aug 2018
4 th Working Group recirculation ballot day one	20 th Aug 2018
4 th Working Group recirculation ballot close date	3 rd Sep 2018
IEEE P802.3.2 (IEEE 802.3cf) comment resolution meeting	Week of 10 th Sep 2018

Note: 4th Working Group recirculation ballot only if required

IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to Sponsor ballot (conditional)

Motion

Conditionally approve sending IEEE P802.3.2 (IEEE 802.3cf) to Sponsor Ballot

Confirm the CSD for IEEE P802.3.2 (IEEE 802.3cf) in <https://mentor.ieee.org/802-ec/dcn/16/ec-16-0142-00-ACSD-802-3cf.pdf>

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote

Y: 109, N: 0, A: 1

**ME 5.034: New PAR: IEEE P802.3cn 50 Gb/s,
100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over
Single-Mode Fiber and DWDM (dense
wavelength division multiplexing) systems**

IEEE P802.3cn 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Single-Mode Fiber and DWDM systems

Title

Standard for Ethernet Amendment: Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Single-Mode Fiber and DWDM (dense wavelength division multiplexing) systems

Scope of project

Define physical layer specifications and management parameters for the transfer of Ethernet format frames at 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s at reaches greater than 10 km over single-mode fiber and DWDM systems

Make TDECQ (Transmitter and dispersion eye closure for PAM4) related changes to existing 200 Gb/s and 400 Gb/s physical medium dependent sublayers over single-mode fiber

Need

Optical solutions targeting greater than 10 km over single-mode fiber will address the bandwidth requirements of mobile backhaul networks fueled by consumer video

Optical solutions targeting greater than 10 km over a DWDM system will address the bandwidth growth and reach requirements of Cable/MSO (multiple system operator) distribution networks, mobile backhaul networks, and interconnect for distributed data centers where reaches greater than 10 km are required, or where fiber availability drives the need for multiple instances of Ethernet over a DWDM system

IEEE P802.3cn 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Operation over Single-Mode Fiber and DWDM systems

Motion

Approve forwarding IEEE 802.3cn PAR in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0145-00-00EC-ieee-p802-3cn-standard-for-ethernet-amendment-physical-layers-and-management-parameters-for-50-gb-s-100-gb-s-200-gb-s-and-400-gb-s-operation-over-single-mode-fiber-and-dwdm-dense-wavelength-division-multiplexing-systems.pdf> to NesCom

Approve the IEEE P802.3cn CSD in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0146-00-00EC-ieee-p802-3cn-draft-csd.pdf>

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group votes:

PAR: Y: 92, N: 0, A: 0

CSD: Y: 95, N: 0, A: 1

**ME 5.035: New PAR: IEEE P802.3cq
Maintenance #13: Power over
Ethernet over 2 pairs**

IEEE P802.3cq Maintenance #13: Power over Ethernet over 2 Pairs

Title

Standard for Ethernet Amendment: Maintenance #13: Power over Ethernet over 2 Pairs

Scope of project

This project will implement editorial and technical corrections, refinements, and clarifications to Clause 33, Power over Ethernet over 2 pairs, and related portions of the standard. No new features will be added by this project

Need

Editorial and technical issues have been identified in Clause 33. These issues need to be addressed to improve the accuracy and clarity of the standard

IEEE P802.3cq Maintenance #13: Power over Ethernet over 2 Pairs

Motion

Approve forwarding IEEE 802.3cq PAR in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0140-01-00EC-ieee-p802-3cq-standard-for-ethernet-amendment-maintenance-13-power-over-ethernet-over-2-pairs.pdf> to NesCom

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group votes:

Y: 124, N: 0, A: 3

ME 5.036: New PAR: IEEE P802.3cr Maintenance #14: Isolation

IEEE P802.3cr Maintenance #14: Isolation

Title

Standard for Ethernet Amendment: Maintenance #14: Isolation

Scope of project

Replace references to the IEC 60950 series of standards (including IEC 60950-1 "Information technology equipment - Safety - Part 1: General requirements") with appropriate references to the IEC 62368 "Audio/video, information and communication technology equipment" series and make appropriate changes to the standard corresponding to the new references.

Need

There are subclauses titled "Electrical isolation" throughout IEEE Std 802.3 requiring isolation meet one of three electrical strength tests with references to the IEC 60950 "Information technology equipment - Safety" series. IEC 60950, however, has been replaced by the IEC 62368 "Audio/video, information and communication technology equipment" series and therefore an update to all isolation material in IEEE Std 802.3 is required.

IEEE P802.3cr Maintenance #14: Isolation

Motion

Approve forwarding IEEE 802.3cr PAR in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0142-00-00EC-ieee-p802-3cr-standard-for-ethernet-amendment-maintenance-14-isolation.pdf> to NesCom

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group votes:

PAR: Y: 118, N: 0, A: 4

MI 6.031: Physical Layers for increased-reach Ethernet optical subscriber access (Super-PON) Study Group

Physical Layers for increased-reach Ethernet optical subscriber access (Super-PON) Study Group

Motion

Approve the formation of IEEE 802.3 Physical Layers for increased-reach Ethernet optical subscriber access (Super-PON) Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Ethernet Physical Layer specifications for optical subscriber access supporting point-to-multipoint operations using wavelength division multiplexing over an increased-reach passive optical network (PON)

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote:

Y: 50 N: 4 A: 26

MI 6.032: IEEE 802.3 Bidirectional 10Gb/s,
25Gb/s and 50Gb/s Optical Access
PHYs Study Group

IEEE 802.3 Bidirectional 10Gb/s, 25Gb/s and 50Gb/s Optical Access PHYs Study Group

Motion

Approve the formation of IEEE 802.3 Bidirectional 10Gb/s, 25Gb/s and 50Gb/s Optical Access PHYs study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Bidirectional 10Gb/s, 25Gb/s and 50Gb/s Optical Access PHYs.

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote:

Y: 68 N: 0 A: 8

MI 6.033: IEEE 802.3 Beyond 10 km Optical PHYs Study Group 2nd Rechartering & Extension

IEEE 802.3 Beyond 10 km Optical PHYs Study Group 2nd Rechartering & Extension

Motion

Grant the 2nd rechartering & 6 month extension of the IEEE 802.3 Beyond 10 km Optical PHYs Study Group

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote:

Y: 89 N: 0 A: 1

Rationale for the extension: Approval has been sought to forward the IEEE P802.3cn PAR to NesCom which was developed by this Study Group. This request for extension is for two reasons: (a) to be able to address any issues during the approval process for the IEEE P802.3cn PAR; and (b) to allow the Study Group to meet during the IEEE 802.3 September 2018 interim week for further study and consensus building. The IEEE-SA Standards Board won't meet to consider the NesCom recommendation on IEEE P802.3cn PAR until 27th September 2018, after the interim week.

MI 6.034: IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s Optical Access PHYs Study Group 1st Rechartering

IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s Optical Access PHYs Study Group 1st Rechartering

Motion

Grant the 1st rechartering of the IEEE 802.3 Bidirectional 10Gb/s and 25Gb/s Optical Access PHYs Study Group

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote:

Y: 82 N: 0 A: 2