

# IEEE 802.3 motions

Closing IEEE 802 EC  
Friday 21<sup>st</sup> March 2014

# IEEE 802.3 Elections confirmations

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David Law was only candidate for IEEE 802.3 Chair

For: 88, Against: 0

Adam Healey was only candidate for IEEE 802.3 Vice Chair

For: 89, Against: 0

**ME: IEEE P802.3bj 100 Gb/s  
Backplane and Copper Cable to  
RevCom (conditional)**

# IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

## Item 1: Date the ballot closed

The 1st Sponsor recirculation ballot on IEEE P802.3bj draft D3.1 closed on 28th February 2014 at 23:59 ET

## Item 2: Vote tally (as of Friday 20<sup>th</sup> March 01:27 UCT)

|                         | Initial Draft D3.0 |    |        | 1 <sup>st</sup> Recirculation Draft D3.1 |    |        | Req % |
|-------------------------|--------------------|----|--------|--|----|--------|-------|
|                         | #                  | %  | Status | #  | %  | Status |       |
| Abstain                 | 3                  | 4  | PASS   | 3  | 3  | PASS   | < 30  |
| Disapprove with comment | 10                 | -  | -      | 3  | -  | -      | -     |
| Disapprove w/o comment  | 0                  | -  | -      | 0  | -  | -      | -     |
| Approve                 | 70                 | 87 | PASS   | 82                                       | 96 | PASS   | ≥ 75  |
| Ballots returned        | 83                 | 76 | PASS   | 88                                       | 80 | PASS   | ≥ 75  |
| Voters                  | 109                | -  | -      | 109                                      | -  | -      | -     |
| Comments                | 218                | -  | -      | 62                                       | -  | -      | -     |

# IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

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

- No unresolved negative comments

- Two disapprove voters have no comments marked MBS

- One has indicated all comments have been satisfied

Item 4: Recirculation ballot and resolution meeting schedule

- 2nd Sponsor recirculation ballot open date 15th April 2014

- 2nd Sponsor recirculation ballot close date 30th April 2014

- Comment resolution meeting week of 12th May 2014

CSD (grandfathered 5 Criteria responses) URL:

[http://www.ieee802.org/3/bj/5C\\_1112.pdf](http://www.ieee802.org/3/bj/5C_1112.pdf)

# IEEE P802.3bj 100 Gb/s Backplane and Copper Cable to RevCom (conditional)

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## Motion

The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bj to RevCom and approves the IEEE P802.3bj CSD (grandfathered 5 Criteria responses) responses

M: Law S: D'Ambrosia

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

## Working Group vote

Conditional approval: Y: 72, N: 0, A: 2

CSD approval: Y: 73, N: 0, A: 0

**ME: IEEE P802.3bm  
40 Gb/s and 100 Gb/s Fibre Optic to  
Sponsor ballot (conditional)**

# IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

## Item 1: Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3bm draft D2.1 closed on 28th February 2014 at 23:59 AoE

## Item 2: Vote tally (as of Friday 20<sup>th</sup> March 01:51 UCT)

|                         | Initial Draft D3.0 |    |        | 1 <sup>st</sup> Recirculation Draft D3.1 |    |        | Req % |
|-------------------------|--------------------|----|--------|--|----|--------|-------|
|                         | #                  | %  | Status | #  | %  | Status |       |
| Abstain                 | 29                 | 22 | PASS   | 30                                       | 22 | PASS   | < 30  |
| Disapprove with comment | 15                 | -  | -      | 8  | -  | -      | -     |
| Disapprove w/o comment  | 1                  | -  | -      | 1  | -  | -      | -     |
| Approve                 | 87                 | 85 | PASS   | 98                                       | 92 | PASS   | ≥ 75  |
| Ballots returned        | 132                | 52 | PASS   | 137                                      | 54 | PASS   | > 50  |
| Voters                  | 251                | -  | -      | 251                                      | -  | -      | -     |
| Comments                | 183                | -  | -      | 113                                      | -  | -      | -     |



# IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

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

4 unresolved negative comments from 1 commenter

See attached file 'P802d3bm\_D2p1\_unsatisfied\_ID.pdf'

Item 4: Schedule for recirculation ballot and resolution meeting

2nd Working Group recirculation ballot open date 7th April 2014

2nd Working Group recirculation ballot close date 25th April 2014

Comment resolution meeting week of 12th May 2014

CSD (grandfathered 5 Criteria responses) URL:

[http://www.ieee802.org/3/bm/P8023bm\\_5Criteria\\_1113.pdf](http://www.ieee802.org/3/bm/P8023bm_5Criteria_1113.pdf)

# IEEE P802.3bm 40 Gb/s and 100 Gb/s Fibre Optic to Sponsor ballot (conditional)

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## Motion

The IEEE 802 LMSC Executive Committee grants conditional approval to forward IEEE P802.3bm to Sponsor ballot and approves the IEEE P802.3bm CSD (grandfathered 5 Criteria responses) responses

M: Law S: D'Ambrosia

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

## Working Group votes

Conditional approval: Y: 89, N: 0, A: 0

CSD approval: Y: 88, N: 0, A: 4

# ME: PAR modification request: IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet PHY

# IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet PHY PAR modification request and CSD responses

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## Title

Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over a Single Twisted Pair Copper Cable

## Summary of modification request

The IEEE P802.3bp project has decided to support only single pair operation. Based on this, in PAR item 2.2 'Amendment title', item 5.2B 'Scope of project' and item 5.5 'Need for the project', fewer than three twisted pairs has been changed to a single twisted pair. In addition PAR item 4.2 'Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot' and item 4.3 'Projected Completion Date for Submittal to RevCom' the dates were corrected.

## Draft PAR modification request

[http://www.ieee802.org/3/bp/P802\\_3bp\\_PAR\\_modification\\_0114.pdf](http://www.ieee802.org/3/bp/P802_3bp_PAR_modification_0114.pdf)

## Unmodified CSD responses (grandfathered 5 Criteria responses)

<http://www.ieee802.org/3/bp/5Criteria.pdf>

# IEEE P802.3bp Reduced Twisted Pair Gigabit Ethernet PHY PAR modification request and CSD responses

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## Motion

The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bp CSD (grandfathered 5 Criteria responses) responses and forwards the IEEE P802.3bp PAR modification request to NesCom

M: Law S: D'Ambrosia

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

## Working Group vote

PAR modification approval: Y: 81, N: 0, A: 3

CSD approval: Y: 88, N: 0, A: 1

# ME: New PAR: IEEE P802.3bs 400Gb/s Ethernet

# IEEE P802.3bs 400Gb/s Ethernet PAR and CSD responses

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## Title

Standard for Ethernet Amendment Media Access Control Parameters, Physical Layers and Management Parameters for 400 Gb/s Operation

## Scope of project

Define Ethernet Media Access Control (MAC) parameters, physical layer specifications, and management parameters for the transfer of Ethernet format frames at 400 Gb/s.

# IEEE P802.3bs 400Gb/s Ethernet PAR and CSD responses

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## Need

The project is necessary to provide solutions for aggregation & high-bandwidth interconnect in these key application areas: cloud-scale data centers, internet exchanges, co-location services, wireless infrastructure, service provider and operator networks, and video distribution infrastructure.

## Draft PAR

[http://www.ieee802.org/3/400GSG/project\\_docs/PAR\\_400\\_14\\_0121.pdf](http://www.ieee802.org/3/400GSG/project_docs/PAR_400_14_0121.pdf)

## Draft CSD responses

[http://www.ieee802.org/3/400GSG/project\\_docs/CSD\\_400\\_14\\_0121.pdf](http://www.ieee802.org/3/400GSG/project_docs/CSD_400_14_0121.pdf)



# IEEE P802.3bs 400Gb/s Ethernet PAR and CSD responses

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## Motion

The IEEE 802 LMSC Executive Committee approves the IEEE P802.3bs CSD responses and forwards the IEEE P802.3bs PAR to NesCom

M: Law S: D'Ambrosia  
Y: ??, N: ??, A: ??

Working Group votes on approval of individual items:

|                                   |                   |
|-----------------------------------|-------------------|
| Project Authorization Request:    | Y: 85, N: 0, A: 0 |
| Project process requirements:     | Y: 92, N: 0, A: 1 |
| Broad Market Potential criterion: | Y: 88, N: 0, A: 1 |
| Compatibility criterion:          | Y: 87, N: 0, A: 1 |
| Distinct Identity criterion:      | Y: 83, N: 0, A: 0 |
| Technical Feasibility criterion:  | Y: 79, N: 0, A: 3 |
| Economic Feasibility criterion:   | Y: 83, N: 0, A: 5 |

# MI: IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)

# IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)

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## Motion

The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 400Gb/s Ethernet Study Group (3rd extension)

M: Law S: D'Ambrosia

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

Working Group vote

Y: 82, N: 0, A: 2

# MI: IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group

# IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group

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## Motion

The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 Gigabit Plastic Optical Fibre (POF) Study Group within IEEE 802.3

M: Law, S: D'Ambrosia

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

84 CFI attendees, 17 interested in participating

Working Group vote:

Y: 35, N: 17, A: 33

**MI: IEEE 802.3 100 Mb/s  
operation over a single twisted  
pair Study Group**

# IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group

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## Motion

The IEEE 802 LMSC Executive Committee grants approval for the formation of the IEEE 802.3 100 Mb/s operation over a single twisted pair Study Group within IEEE 802.3

M: Law, S: D'Ambrosia

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

60 CFI attendees, 30 interested in participating

Working Group vote:

Y: 72, N: 0, A: 10

# ME: Appointment of liaison officer from IEEE 802.3 to ITU-T SG15



# Appointment of liaison officer from IEEE 802.3 to ITU-T SG15

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The IEEE 802 LMSC Executive Committee confirms the appointment of Peter Anslow as the IEEE 802.3 liaison officer to ITU-T SG15

M: Law S: D'Ambrosia  
Y: ??, N: ??, A: ??

Working Group vote:  
Passed by voice vote without opposition

II\*: Liaison letter to ITU-T  
SG15: Optical Transport  
Network & Technologies  
(OTNT) Standardization Work  
Plan

# Liaison letter to ITU-T SG15: OTNT Standardization Work Plan

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The draft liaison letter from the IEEE 802.3 working group to ITU-T SG15 with respect to the Optical Transport Networks & Technologies (OTNT) Standardization Work Plan can be found in the attached file 'IEEE\_802d3\_to\_ITU-T\_SG15\_0314\_draft.pdf'.

Working Group vote:

Y: 77, N: 0, A: 2

# II\*: Liaison letter response to ISO/IEC JTC 1/SC 25: Power over Ethernet

# Liaison letter response to ISO/IEC JTC 1/SC 25: Power over Ethernet

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The draft liaison letter response from the IEEE 802.3 working group to ISO/IEC JTC 1/SC 25 in respect to the impact of higher levels of Power over Ethernet on balanced cabling channels can be found in the attached file 'IEEE\_802d3\_to\_SC25\_0314.pdf'

Working Group vote:

Y: 74, N: 0, A: 0