

ME: PAR modification request : IEEE P802.3bm 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables

IEEE P802.3bm PAR and Five Criteria

Title

Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables

Summary of modification request

This PAR modification adds Energy-efficient Ethernet support for both 40 Gb/s and 100 Gb/s operation over fiber optic cables to the scope of this project.

Draft PAR modification request

http://www.ieee802.org/3/bm/P802_3bm_PAR_0313.pdf

Draft modified 5C

http://www.ieee802.org/3/bm/P8023bm_5Criteria_1112.pdf

IEEE P802.3bm PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the modified IEEE P802.3bj Five Criteria and forwards the IEEE P802.3bm PAR modification to NesCom

M: Law, S: D'Ambrosia

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

Working Group vote:

Y: 103, N: 0, A: 1

ME: New PAR: IEEE P802.3bq 40GBASE-T

IEEE P802.3bq PAR and Five Criteria

Title

Standard for Ethernet Amendment: Physical Layer and Management Parameters for 40 Gb/s Operation, Type 40GBASE-T

Scope of the project

Specify a Physical Layer (PHY) for operation at 40 Gb/s on balanced twisted-pair copper cabling, using existing Media Access Control, and with extensions to the appropriate physical layer management parameters.

IEEE P802.3bp PAR and Five Criteria

Need

With continued growth of server capabilities, network and Internet traffic, datacenters continue to require higher data rates for equipment interconnections. The IEEE 802.3 BASE-T family of technologies allows for seamless upgrade between older rates and newer rates. Currently, IEEE Std 802.3 does not support 40 Gb/s BASE-T operation. There is a market need for a low cost 40 Gb/s BASE-T solution with auto-negotiation capability for datacenter applications.

Draft PAR

http://www.ieee802.org/3/NGBASET/P802_3bq_PAR_Detail_20_03_2013.pdf

Draft 5C

http://www.ieee802.org/3/NGBASET/5C_020813_NGBT.pdf

IEEE P802.3bp PAR and Five Criteria

Motion

The IEEE 802 Executive Committee approves the IEEE P802.3bp Five Criteria and forwards the IEEE P802.3bp PAR to NesCom

M: Law S: D'Ambrosia

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

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 93,	N: 0,	A: 1
Broad Market Potential criterion:	Y: 92,	N: 0,	A: 1
Compatibility criterion:	Y: 94,	N: 0,	A: 0
Distinct Identity criterion:	Y: 90,	N: 1,	A: 0
Technical Feasibility criterion:	Y: 91,	N: 1,	A: 1
Economic Feasibility criterion:	Y: 92,	N: 1,	A: 1

**ME: IEEE P802.3bk Extended
Ethernet Passive Optical Networks
(EPON) forward to Sponsor ballot**

IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) Working Group ballot results

- 1st Working Group recirculation ballot – draft D2.1
 - Ballot opened 11th February, closed 25th February 2013
 - 100% approval, 22 comments received

Comments received: 22*

	Initial Draft D2.0			1 st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	29	23	PASS	29	23	PASS	< 30
Disapprove with comment	8	-	-	0	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	88	91	PASS	99	100	PASS	≥ 75
Ballots returned	125	53	PASS	128	55	PASS	≥ 50
Voters	232	-	-	232	-	-	-

* 3 comments were withdrawn

IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) forward to Sponsor ballot

Motion

The IEEE 802 Executive Committee grants approval to submit IEEE P802.3bk Extended Ethernet Passive Optical Networks (EPON) to Sponsor ballot

M: Law, S: D'Ambrosia

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

Working Group vote:

Y: 88, N: 0, A: 0

ME: IEEE P802.3.1 (IEEE 802.3.1a)
Ethernet MIBs (revision) forward to
RevCom (conditional)

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) conditional to RevCom

- Item 1 - Date the ballot closed:
 - The 1st Sponsor recirculation ballot on IEEE P802.3.1 draft D2.1 closed on March 7th at 11:59 PM ET 2013
- Item 2 - Vote tally:

Comments received: 3

	Initial Draft D2.0			1 st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	5	6	PASS	4	5	PASS	< 30
Disapprove with comment	1	-	-	0	-	-	-
Disapprove without comment	0	-	-	0	-	-	-
Approve	69	98	PASS	74	100	PASS	≥ 75
Ballots returned	75	78	PASS	78	81	PASS	≥ 75
Voters	96	-	-	96	-	-	-

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) conditional to RevCom

- Item 3 - Comments that support the remaining disapprove votes and WG responses
 - No unresolved negative comments
- Item 4 - Schedule for recirculation ballot and resolution meeting
 - Recirculation ballot open date April 8th 2013
 - Recirculation ballot close date April 22nd 2013
 - Interim meeting date (if required) week of May 13th 2013

IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision) conditional to RevCom

The IEEE 802 Executive Committee grants conditional approval for RevCom submittal of IEEE P802.3.1 (IEEE 802.3.1a) Ethernet MIBs (revision)

M: D Law, S: D'Ambrosia

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

Working Group vote:

Y: 63, N: 0, A: 1

MI: IEEE 802.3 400Gb/s Ethernet Study Group formation

IEEE 802.3 400Gb/s Ethernet Study Group formation

Motion

The IEEE 802 Executive Committee grants approval for the formation of the IEEE 802.3 400Gb/s Ethernet Study Group within IEEE 802.3

M: Law, S: D'Ambrosia

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

132 CFI attendees, 94 interested in participating

Working Group vote:

Y: 87 N: 0 A: 4

ME: IEEE 802.3 Higher Speed Ethernet consensus industry connection activity

IEEE 802.3 Higher Speed Ethernet consensus industry connection activity

Motion:

The IEEE 802 Executive Committee authorizes the IEEE 802.3 Chair to request the IEEE-SA Standards Board terminate the IEEE 802.3 Higher Speed Ethernet consensus industry connection activity

M: Law, S: D'Ambrosia

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

Working Group vote:

Y: 91 N: 0 A: 0

MI: IEEE 802.3 4-Pair Power over Ethernet Study Group formation

IEEE 802.3 4-Pair Power over Ethernet Study Group formation

Motion

The IEEE 802 Executive Committee grants approval for the formation of the IEEE 802.3 4-Pair Power over Ethernet Study Group within IEEE 802.3

M: Law, S: D'Ambrosia

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

57 CFI attendees, 42 interested in participating

Working Group vote:

Y: 85 N: 0 A: 1

MI: IEEE 802.3 Next Generation BASE-T Study Group (2nd extension)

IEEE 802.3 IEEE 802.3 Next Generation BASE-T Study Group (2nd extension)

Motion:

The IEEE 802 Executive Committee grants an extension to
the IEEE 802.3 Next Generation BASE-T Study Group

M: Law, S: D'Ambrosia

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

Working Group vote:

Y: 93, N: 0, A: 0

MI*: IEEE 802.3 IEEE 802.3
Distinguished Minimum Latency
Traffic Study Group (1st extension)

IEEE 802.3 IEEE 802.3 Distinguished Minimum Latency Traffic Study Group (1st extension)

Motion:

The IEEE 802 Executive Committee grants an extension to the IEEE 802.3 IEEE 802.3 Distinguished Minimum Latency Traffic Study Group

M: Law, S: D'Ambrosia

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

Working Group vote:

Y: 71, N: 0, A: 4

II*: Liaison letter to ITU-T
SG5: Ethernet port isolation

Liaison letter to ITU-T SG5: Ethernet port isolation liaison

The liaison letter from the IEEE 802.3 working group to ITU-T SG5 in respect to Ethernet port isolation can be found at:

http://www.ieee802.org/3/minutes/mar13/outgoing/carlson_01_0313.pdf

Working Group vote:

Y: 96, N: 0, A: 3

II*: Liaison letter to ITU-T
SG9: High performance
network over coax

Liaison letter to ITU-T SG9: High performance network over coax liaison

The liaison letter from the IEEE 802.3 working group to ITU-T SG9 in respect to high performance network over coax can be found at:

http://www.ieee802.org/3/minutes/mar13/outgoing/laubach_3bn_02_0313.pdf

Working Group vote:

Y: 96, N: 0, A: 3

II*: Liaison letter to ITU-T
SG15: Access Network
Technologies (ANT)
Standardization Work Plan

Liaison letter to Liaison letter to ITU-T SG15: ANT Standardization Work Plan

The liaison letter from the IEEE 802.3 working group to Liaison letter to ITU-T SG15: ANT Standardization Work Plan can be found at:

http://www.ieee802.org/3/minutes/mar13/outgoing/IEEE_802d3_to_SG15_ANT_0313_R01.pdf

Working Group vote:

Y: 96, N: 0, A: 3

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

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

The liaison letter from the IEEE 802.3 working group to Liaison letter to ITU-T SG15: OTNT Standardization Work Plan can be found at:

http://www.ieee802.org/3/minutes/mar13/outgoing/trowbridge_01_1303.pdf

Working Group vote:

Y: 96, N: 0, A: 3

**ME: Submission of
IEEE Std 802.3-2012 for
adoption by ISO/IEC JTC1 SC6**

Submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6

The IEEE 802 Executive Committee approves the submission of IEEE Std 802.3-2012 for adoption by ISO/IEC JTC1 SC6 under the PSDO agreement

M: Law, S: D'Ambrosia

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

Working Group vote:

Y: 97, N: 0, A: 0

ME: Ethernet Technology
Summit award to IEEE 802.3
Working Group press release

Ethernet Technology award to IEEE 802.3 Working Group press release

The IEEE 802 Executive Committee supports the Ethernet Technology Summit award to IEEE 802.3 Working Group press release IEEE-SA_ETSAward_release_v7.pdf, with editorial license granted to the Chair (or his appointed agent).

M: Law, S: D'Ambrosia

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

ME: IEEE 802.3 400Gb/s Study Group formation press release

IEEE 802.3 400Gb/s Study Group formation press release

The IEEE 802 Executive Committee supports the IEEE 802.3 400Gb/s Study Group formation press release IEEE-SA_400GbE_SG_press-release_D9.pdf, with editorial license granted to the Chair (or his appointed agent).

M: Law, S: D'Ambrosia

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

ME: IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release

IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release

The IEEE 802 Executive Committee supports the IEEE 802.3 4-pair Power Over Ethernet Study Group formation press release IEEE_Press_Release_Formation_8023_PoE_4PAIR_D4.pdf, with editorial license granted to the Chair (or his appointed agent).

M: Law, S: D'Ambrosia

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