

IEEE 802.3 motions

Closing IEEE 802 EC
Friday 13th March 2015

5.031 ME: New PAR: IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet

IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR and CSD responses

Title

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation

Scope of project

This amendment defines Ethernet Media Access Control (MAC) parameters, physical layer specifications, and management objects for the transfer of Ethernet format frames at 2.5 Gb/s and 5 Gb/s over balanced twisted pair transmission media used in structured cabling.

IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR and CSD responses

Need

There is a need for greater than 1 Gb/s Ethernet connectivity over structured twisted pair wiring to serve existing and growing needs of IEEE 802.11ac based enterprise wireless access points. Availability of 2.5 Gb/s and 5 Gb/s signaling technologies enables interconnect solutions for enterprise wireless access points to switch applications to be served over structured Cat5e or better twisted pair cabling.

Draft PAR

http://ieee802.org/3/NGEBASET/P802_3bz_PAR_Detail_110315_ver_1.pdf

Draft CSD responses

http://ieee802.org/3/NGEBASET/802d3_NGEABT_CSD_802.3_WG_approved_12-march-15.pdf

IEEE P802.3bz 2.5 Gb/s and 5 Gb/s Ethernet PAR and CSD responses

Motion

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

M: Law S: D'Ambrosia

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

Working Group votes on approval of individual items:

Project Authorization Request:	Y: 65,	N: 0,	A: 16
Project process requirements:	Y: 68,	N: 0,	A: 11
Broad Market Potential criterion:	Y: 48,	N: 4,	A: 19
Compatibility criterion:	Y: 72,	N: 0,	A: 10
Distinct Identity criterion:	Y: 60,	N: 1,	A: 15
Technical Feasibility criterion:	Y: 69,	N: 0,	A: 11
Economic Feasibility criterion:	Y: 56,	N: 3,	A: 15

**5.033 ME: IEEE P802.3bw
100BASE-T1 to Sponsor ballot
(conditional)**

IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

Item 1: Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3bw draft D1.3 closed on 4th March 2015 at 23:59 AOE

Item 2: Vote tally

	Initial Draft D1.2			1 st Recirculation Draft D1.3			Req %
	#	%	Status	#	%	Status	
Abstain	35	24	PASS	37	25	PASS	< 30
Disapprove with comment	14	-	-	3	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	-
Approve	97	87	PASS	109	97	PASS	≥ 75
Ballots returned	146	55	PASS	149	56	PASS	> 50
Voters	266	-	-	266	-	-	-
Comments	650*	-	-	86	-	-	-

* Count includes 7 comments received after ballot closed that Task Force decide to consider

IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

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

7 unresolved negative comments from 3 commenters

See attached file 'IEEE_802.3bw_unresolved_negative_comments.pdf'

Item 4: Recirculation ballot and resolution meeting schedule

2nd Working Group recirculation ballot open date 18th March 2015

2nd Working Group recirculation ballot close date 1st April 2015

IEEE P802.3bw Interim meeting date 9th April 2015

3rd Working Group recirculation ballot open date 12th April 2015

3rd Working Group recirculation ballot close date 26th April 2015

IEEE P802.3bw interim meeting week of 18th May 2015

Note: 3rd Working Group recirculation ballot only if required

IEEE P802.3bw 100BASE-T1 to Sponsor ballot (conditional)

Motion

The IEEE 802 LMSC Executive Committee confirms the IEEE 802.3bw 100BASE-T1 CSD available at the URL http://ieee802.org/3/bw/public/20140528_CSD_IEEE802_3bw.pdf and grants conditional approval to forward IEEE P802.3bw to Sponsor ballot

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

Working Group vote
Y: 91, N: 0, A: 12

**5.034 ME: IEEE P802.3 (IEEE
802.3bx) Maintenance #11 (revision)
to Sponsor ballot**

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

Item 1: Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3 (IEEE 802.3bx) draft D2.1 closed on 21st February 2015 at 23:59 AOE

Item 2: Vote tally

	Initial Draft D1.2			1 st Recirculation Draft D1.3			Req %
	#	%	Status	#	%	Status	
Abstain	32	20	PASS	33	20	PASS	< 30
Disapprove with comment	7	-	-	2	-	-	-
Disapprove w/o comment	0	-	-	0	-	-	-
Approve	121	94	PASS	129	98	PASS	≥ 75
Ballots returned	160	59	PASS	164	61	PASS	> 50
Voters	267	-	-	267	-	-	-
Comments	85*	-	-	3	-	-	-

* Count includes 7 comments received after ballot closed that the Task Force decide to consider

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

Comments that support the remaining disapprove votes and WG responses

4 unresolved negative comments from 2 commenters

See attached file 'IEEE_802.3bx_unresolved_negative_comments.pdf'

IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

Motion

The IEEE 802 LMSC Executive Committee grants approval to forward IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) to Sponsor ballot

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

Working Group vote
Y: 106, N: 0, A: 5

6.041 MI*: IEEE 802.3 Next Generation Enterprise Access BASE- T PHY Study Group (1st extension)

IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group (1st extension)

Motion

The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 Next Generation Enterprise Access BASE-T PHY Study Group (1st extension)

M: Law S: D'Ambrosia

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

Working Group vote

Y: 56, N: 0, A: 2

6.042 MI*: IEEE 802.3 25GBASE-T Study Group (1st extension)

IEEE 802.3 25GBASE-T Study Group (1st extension)

Motion

The IEEE 802 LMSC Executive Committee approves an extension to the IEEE 802.3 25GBASE-T Study Group (1st extension)

M: Law S: D'Ambrosia

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

Working Group vote

Y: 64, N: 0, A: 0

7.031 II*: Liaison letter to ITU-T
SG5: New Recommendations
related to Ethernet port
protection (Information item)

Liaison letter to ITU-T SG5: New Recommendations related to Ethernet port protection

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG5 in respect to new Recommendations related to Ethernet port protection, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ITU-T_SG5_0315_draft.pdf>

Working Group vote:

Y: 112, N: 0, A: 9

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

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

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG15 in respect to the Access Network Transport (ANT) Standardization Work Plan, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_ANT_0315_draft.pdf

Working Group vote:

Y: 112, N: 0, A: 9

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

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

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG15 in respect to the Optical Transport Networks and Technologies (OTNT) Standardization Work Plan, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_OTNT_0315_draft.pdf>

Working Group vote:

Y: 112, N: 0, A: 9

**7.034 ME: Liaison letter to
ISO/IEC JTC1 SC6: IEEE P802.3
(IEEE 802.3bx) Maintenance #11
(revision) initial sponsor ballot draft**

Liaison letter to ISO/IEC JTC1 SC6: IEEE P802.3 revision initial sponsor ballot draft

Motion

The IEEE 802 LMSC Executive Committee approves the draft liaison letter to ISO/IEC JTC1 SC6 to liaise the IEEE P802.3 (IEEE 802.3bx) Maintenance #11 (revision) initial sponsor ballot draft.

The draft liaison letter, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

http://iee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_JTC1_SC6_0315_draft.pdf

M: Law S: D'Ambrosia

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

Working Group votes

Report: Y: 102, N: 0, A: 7

7.035 ME: IEEE 802.3 Industry
Connections Next Generation
Ethernet Passive Optical Network
(NG-EPON) report approval

IEEE 802.3 Industry Connections NG-EPON report approval

Charter

The activity has been chartered to generate a report which will detail: (a) operators' requirements, (b) technological and economic tradeoffs of various approaches to next generation EPON, (c) the state of the art for optical subscriber access network technology, and (d) potential solutions that merit further consideration

Process

Developed in IEEE 802.3 Industry Connections NG-EPON ad hoc

Held 9 meetings, circulated 9 drafts for comment

Report approved by vote of IEEE 802.3 Working Group

Approval

Subclause 8.3.2 'Subgroup public statements' of the IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures. As well as requiring the subgroup approval it also states that 'Such public statements also require approval of the Sponsor'.

IEEE 802.3 Industry Connections NG-EPON report approval

Motion

The IEEE 802 LMSC Executive Committee approves the IEEE 802.3 Industry Connections Next Generation Ethernet Passive Optical Network report <http://ieee802.org/secmail/pdfPUXmqX0_Bq.pdf>.

The IEEE 802 LMSC Executive Committee requests that the IEEE-SA Standards Board terminate the Next Generation Ethernet Passive Optical Network Industry connection activity

M: Law S: D'Ambrosia

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

Working Group votes

Report approval: Y: 61, N: 0, A: 5

7.036 II*: Liaison letter to ISO/IEC JTC1 SC25: Remote powering

Liaison letter to ISO/IEC JTC1 SC25: Remote powering

The draft liaison letter response from the IEEE 802.3 working group to ISO/IEC JTC1 SC25 in respect to the Remote Powering, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SC25_PoE_0315_draft.pdf>

Working Group vote:

Y: 86, N: 0, A: 8

7.037 II*: Liaison letter to ISO/IEC JTC1 SC25: Copper qualification

Liaison letter to ISO/IEC JTC1 SC25: Copper qualification

The draft liaison letter response from the IEEE 802.3 working group to ISO/IEC JTC1 SC25 in respect to the Copper qualification, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_ISOIEC_SC25_WG3_0315_draft.pdf>

Working Group vote:

Y: 55, N: 0, A: 7

7.038 II*: Liaison letter to ITU-T
SG15: Timestamping point for
multilane Ethernet interfaces

Liaison letter to ITU-T SG15: Timestamping point for multilane Ethernet interfaces

The draft liaison letter response from the IEEE 802.3 working group to ITU-T SG15 in respect to the Timestamping point for multilane Ethernet interfaces, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_SG15_time_0315_draft.pdf>

Working Group vote:

Y: 112, N: 0, A: 9

7.039 II*: Liaison letter to IEC SC48B: Modular connectors

Liaison letter to IEC SC48B: Modular connectors

The draft liaison letter from the IEEE 802.3 working group to IEC SC48B in respect to the Modular connectors, approved by the IEEE 802.3 Working Group with editorial license granted to the IEEE 802.3 Working Group Chair, can be found at

<http://ieee802.org/3/minutes/mar15/outgoing/IEEE_802d3_to_IECSC48B_0315_draft.pdf>

Working Group vote:

Y: 89, N: 0, A: 11