

IEEE 802.3 Maintenance Task Force

10th November 2016

San Antonio, TX USA

Adam Healey
Chair, IEEE 802.3 Maintenance TF
Vice-Chair, IEEE 802.3 Working Group

Topics

- Project information
- Activities this week
- IEEE P802.3-2015/Cor 1 to Sponsor ballot
- China NB comments against IEEE Std 802.3bw-2015
- Standards to ISO/IEC for approval
- Next meeting

IEEE 802.3 Maintenance Task Force

Project information

- Task Force Organization
 - Adam Healey, Chair
 - Valerie Maguire, Recording Secretary
- Task Force web and reflector information
 - Reflector: <http://www.ieee802.org/3/maint/reflector.html>
 - Home page: <http://www.ieee802.org/3/maint/index.html>
 - IEEE 802.3 Maintenance Request form:
http://www.ieee802.org/3/private/maint/revision_request.html
 - Username: *****, Password: *****

Activities this week

- Considered 6 Maintenance Requests

#	Clause	Subject	Action
1277	33	Load during inrush	“Ready for ballot”, forwarded to P802.3by
1283	73.6.4	Backplane/twinax PHY advertisement	“Ready for ballot”, forwarded to P802.3cd
1296	1.3	Sort order	“Ready for ballot”, target next revision
1297	1.4	Sort order	“Ready for ballot”, target next revision
1298	78	Sort order	Incomplete, requested that submitter re-submit with specific revision text
1299	91	FEC synchronization state diagram	“Ready for ballot”, forwarded to P802.3cd

- Requested that the IEEE Std 802.3-2015/Cor 1 draft be progressed to Sponsor ballot

Activities this week, continued

- Reviewed China NB comments from IEEE Std 802.3bw-2015 60-day ballot
 - Drafted liaison communication with comment responses
- Recommended forwarding IEEE Std 802.3br-2016 and IEEE Std 802.3bz-2016 to ISO/IEC for approval
- Reviewed request for additions to the IANA MAU MIB
- Discussed revision plan

Revision request status summary

- 28 open maintenance requests
- Current status of open requests
 - Approved 0
 - Balloting 3
 - Ready for ballot 20 **
 - Awaiting clarification 0
 - Errata 0
 - To be categorized 5 **

** Update to the web site is pending.

IEEE Std 802.3-2015/Cor1 to Sponsor ballot

Corrigendum motion

- Progress the IEEE Std 802.3-2015/Cor 1 draft to IEEE 802 LMSC sponsor ballot.
 - M: A. Healey on behalf of the Task Force
 - Technical $\geq 75\%$
 - Y: yy, N: nn, A: aa
 - MOTION PASSES/FAILS

Task Force Motion #3: Progress the IEEE Std 802.3-2015/Cor 1 draft to IEEE 802 LMSC sponsor ballot.

M: Grow

S: Carlson

Technical $\geq 75\%$

Passes by voice vote without opposition

Response to China NB comments from IEEE Std 802.3bw-2015 60-day ballot

[Review comments and draft liaison letter]

Comments

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/Table	Type of comment ²	Comments	Proposed change
CN1 001				Ge, te	IEEE 802.3bw TM -2015 is the amendment to 802.3 TM -2015. Security is an essential part of network-related standards, especially to Ethernet. The lack of security mechanisms will enable Ethernet facing various security threats, such as forgery devices, communications from eavesdropping and tampering. However, The version of both IEEE 802.3 TM -2015 and IEEE 802.3bw TM -2015 fail to add the specification of Ethernet security in the text, neither security mechanisms nor references to other security specifications, which results in an incomplete standard system, and is not conducive to the implementation and application of the standard.	Recommend adding security mechanisms in IEEE 802.3bw TM -2015.
CN2 002				Ge	IEEE 802.3 WG declared that it didn't expect to submit any further versions to ISO/IEC for approval in 6N13919, now it has been submitting IEEE 802.3 standard series to SC6 in droves, including IEEE 802.3bw TM -2015, it is inconsistent with the action mentioned in 6N13919. We noticed that IEEE 802.3 WG explained that they reconsidered the position in 6N16458. However, IEEE 802.3 WG hasn't provided positive response or the basis for such an action.	Considering that IEEE 802.3 WG's standards development plan in SC6 will impact a lot on SC6 NBs' international contributions to the field of wired local area network. Therefore, please provide the development plan in SC6 and more bases for such a changed action.

1 **MB** = Member body / **NC** = National Committee (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by **)

2 **Type of comment:** **ge** = general **te** = technical **ed** = editorial

Liaison motion

- Approve
IEEE_802d3_to_ISOIEC_JTC1_SC6_1116_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.
 - M: A. Healey S: <TBA>
 - Technical $\geq 75\%$
 - Y: yy, N: nn, A: aa
 - MOTION PASSES/FAILS

Task Force Motion #4: IEEE_802d3_to_ISOIEC_JTC1_SC6_1116_draft.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.
M: Thompson S: Wienckowski
Technical $\geq 75\%$
Passes by voice vote without opposition

Standards to ISO/IEC for approval

Standards to ISO/IEC motion

- Submit IEEE Std 802.3br-2016 and IEEE Std 802.3bz-2016 to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.
 - M: A. Healey on behalf of the Task Force
 - Technical $\geq 75\%$
 - Y: yy, N: nn, A: aa
 - MOTION PASSES/FAILS

Task Force Motion #5: Submit IEEE Std 802.3br-2016 and IEEE Std 802.3bz-2016 to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.

M: Grow

S: Law

Technical $\geq 75\%$

Passes by voice vote without opposition

Next meeting

- Week of 9 January 2016
 - Huntington Beach, CA USA

Questions?

Thank you!