

IEEE 802.3 Maintenance Task Force

3rd November 2014

San Antonio, TX USA

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

Topics

- Report on September 2014 interim meeting
- New revision requests
- Revision request status
- IEEE Std 802.3 revision
- Submission of IEEE Std 802.3.1-2013 under the ISO/IEEE PSDO Agreement
- Plans for the week
- Web and reflector information

September 2014 interim meeting

- Thanks to Ericsson for hosting a successful meeting
- Considered 4 revision requests
 - 1262 and 1265 categorized as “Ready for Ballot” targeting the next revision

1262	Correct grammar in normative reference.
1263	Change 64B/66B to encode illegal inter-packet gaps (new feature request).
1264	Require that the Extended Next Page OUI Tagged Message be followed by an unformatted Extended Next page (new requirement). Editorial changes.
1265	Cross reference to Figure 46-11 should be to Figure 46-13. Move the figure closer to the subclause that refers to it. Correct heading hierarchy.

September 2014 interim meeting cont'd

- Reviewed the revision plan and progress toward plan
- Chartered the editor to create and submit a draft for Working Group preview, contingent on the approval of the P802.3

New revision requests

- Deadline for consideration at this week's meeting was 29th September
 - 2 requests did not meet deadline for September consideration
 - 3 new requests received since September

1266	05-Aug-14	802.3-2012	55.3.4	Remove 10GBASE-T periodic training sequence
1267	05-Sep-14	802.3-2012	72.10.4.4	CF7 missing Status/Support
1268	08-Sep-14	802.3-2012	72.10.4.5	TC10 missing Status/Support
1269	08-Sep-14	802.3-2012	72.10.4.5	TC19 missing Status/Support
1270	29-Sep-14	802.3-2012	Figure 25-3	Encoder deadlock

Revision request status

- 28 open revision requests
- Current status of open requests
 - Approved 0
 - Ready for ballot 17
 - Balloting 4
 - To be categorized 7

IEEE Std 802.3 revision

IEEE Std 802.3 Revision

IEEE-SA Standards Board Operations Manual

(Approved by the IEEE-SA Standards Board December 2013)

8.1.2 Amendments and corrigenda

Up to three amendments can be approved before the standard shall be revised, unless the base standard has been approved within the past three years. In such a case, multiple amendments may be added until the base standard is three years old. After the three-year period, RevCom shall defer consideration of additional amendments or corrigenda until a revision or a two-year extension request is approved by the IEEE-SA Standards Board.

- **IEEE Std 802.3-2012 was approved 30th August 2012**
- **IEEE P802.3bm will be the third amendment**

IEEE 802.3 Revision Plan (July 2014)

Initial WG ballot
 IEEE Std 802.3-2012 + ...
 IEEE Std 802.3bk-2013 + ...
 IEEE Std 802.3bj-2014 + ...
 Revision requests "Ready for ballot"
 IEEE P802.3bm

WG approve PAR
 EC approve PAR

WG-r1

Conditional approval
 WG-r2

Initial Sponsor ballot
 IEEE Std 802.3-2012 + ...
 IEEE Std 802.3bk-2013 + ...
 IEEE Std 802.3bj-2014 + ...
 IEEE Std 802.3bm-2014 + ...
 Revision requests "Ready for ballot"

No Sponsor ballots for amendments

IEEE P802.3bm SB-r2

[Conditional] approval
 IEEE P802.3bm SB-r3

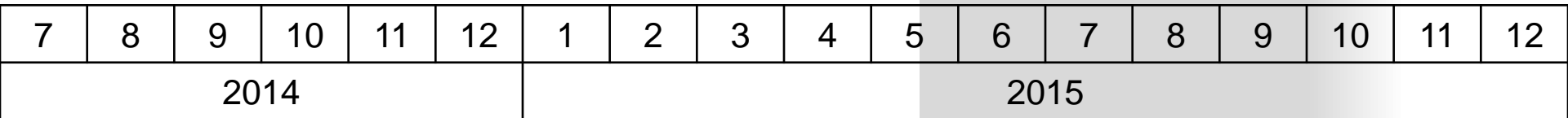
IEEE P802.3bm SB-r4?

SASB approve PAR?

SASB approval

Conditional approval
 SB-r1

SASB approval



Revision draft motion (September 2014)

- Motion #3: Charter the editor to submit a draft for Working Group preview, contingent on the approval of the P802.3 Revision PAR, that includes:
 - IEEE Std 802.3-2012
 - IEEE Std 802.3bk-2013
 - IEEE Std 802.3bj-2014
- Revision requests with status “Ready for Ballot”
- The most recent draft of IEEE P802.3bm
 - M: M. Hajduczenia S: V. Maguire
 - Technical ($\geq 75\%$)
 - Y: 5, N: 0, A: 0
 - Motion PASSES

Progress toward plan

- IEEE P802.3 (IEEE 802.3bx) PAR approved 27th October
- IEEE P802.3 (IEEE 802.3bx) web area created
- IEEE P802.3 (IEEE 802.3bx) Draft 1.0 posted for Working Group preview 27th October
 - Thanks to the **editorial team!**
 - Thanks to Michelle Turner who provided a consolidated edition of IEEE Std 802.3-2012, 802.3bk-2013, and 802.3bj-2014 to use as a starting point

Pete Anslow	Section 4 and Section 6 editor
Marek Hajduczenia	Section 5 editor
Adam Healey	Section 2 and Section 3 editor, Editor-in-chief
Valerie Maguire	Section 1 editor

[Approved PAR] 5.5 Need for the project

IEEE Std 802.3-2012 will need to have a revision initiated by 2015 to allow consideration of future amendments per standards board policies. This Revision will include the merge of IEEE Std 802.3bk-2013, IEEE Std 802.3bj-2014 and accumulated maintenance changes. It is also expected to include IEEE Std 802.3bm-201x. Because there are multiple other amendments in the "pipeline", it will be desirable to complete this revision by 2015 to provide a solid base for sponsor balloting of other approved amendment projects. **These schedule considerations require that new capabilities or functional enhancement will have to be deferred to a future amendment project to avoid delaying approved and current proposed new projects.**

Submission of IEEE Std 802.3.1-2013 under the ISO/IEEE PSDO Agreement

Ballot results

- Summary of voting has been provided ([link](#))
 - Ballot opened 6th August, closed 6th October
 - Q.1: "Do you support the need for an ISO International Standard on the subject?" (**Y: 11, N: 0, A: 5**)
 - Q.2: "Do you support the submission of this proposal for FDIS ballot?" (**Y: 10, N: 1, A: 5**)
- Technical comment from China NB
 - **Comment:** "Although there are the parts describing the relationship to other MIB modules, it still lacks of the description of the relationship to some other greatly-related MIB modules, such as IEEE 802.1AE MIB, IEEE 802.1X MIB."
 - **Proposed change:** "Add the relationship to some other greatly-related MIB modules in the proposal."

Plans for the week

- Meet **Wednesday** 5th November, **1:30 PM** start
 - Refer to 802world.org/attendee for schedule and location
- Update the status of open revision requests
- Consider revision requests 1263, 1264, and 1266-1270
- Discuss the revision plan
- Consider any actions that are necessary to forward the revision draft for Working Group ballot
- Consider China NB comment and recommend response

Maintenance web and reflector

- IEEE 802.3 Maintenance web site
 - <http://www.ieee802.org/3/maint/>
- IEEE 802.3 Maintenance Request form
 - http://www.ieee802.org/3/private/maint/revision_request.html
 - Username: XXXX
 - Password: XXXXXXXX
- IEEE 802.3 Maintenance reflector
 - stds-802-3-maint@ieee.org

Revision project web and reflector

- IEEE P802.3 (IEEE 802.3bx) Task Force web site
 - <http://www.ieee802.org/3/bx/>
- IEEE P802.3 (IEEE 802.3bx) Task Force private area
 - <http://ieee802.org/3/private/maint/bxballot/index.html>
 - Username: XXXX
 - Password: XXXXXXXX
- Reflector is the IEEE 802.3 Maintenance reflector
 - stds-802-3-maint@ieee.org