

IEEE 802.3 Maintenance Task Force Closing Report

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Chair, IEEE 802.3 Maintenance TF

17 March 2022

Topics

- Project information
- Activities this session
- Revision

Maintenance Task Force

- Task Force Organization
 - Adam Healey, Chair
- 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

IEEE P802.3 (IEEE 802.3dc) Revision Task Force

- Task Force Organization
 - Adam Healey, Chair and Editor-in-Chief
 - Pete Anslow, Section Editor
 - Marek Hajduczenia, Section Editor
 - Jon Lewis, Section Editor
 - Adeo Ran, Section Editor
- Task Force web and reflector information
 - Reflector: <http://www.ieee802.org/3/maint/reflector.html> (Maintenance TF reflector)
 - Home page: <https://www.ieee802.org/3/dc/index.html>

Activities this session

- Met on Wednesday, 9 March 2022
 - Discussed revision plan
 - Responded to 20 comments received during 1st SA recirculation ballot
 - Did not consider 14 late comments (motion to consider failed)
 - Authorized generation of D3.2 for 2nd SA recirculation ballot
 - Agreed to request conditional approval to progress to RevCom
- 2nd SA recirculation ballot opened on 15 March
- Pre-submitted draft to RevCom (with consent of IEEE 802 chair)

Revision

Target revision schedule

| Project | 2021 | | | | | | | | | | | | 2022 | | | | | | | | | | | |
|----------|------|---|-----|------|------|------|-----|-----|-----|------|-----|-----|------|---|-----|------|------|------|---|------|-----|-----|------|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| P802.3ck | | | WGB | | | | | | | | SAB | | | | | | | Std! | | | | | | |
| P802.3cp | | | | | | Std! | | | | | | | | | | | | | | | | | | |
| P802.3cs | | | WGB | | | | | | | | SAB | | | | | | | Std! | | | | | | |
| P802.3ct | | | | | | Std! | | | | | | | | | | | | | | | | | | |
| P802.3cv | SAB | | | | Std! | | | | | | | | | | | | | | | | | | | |
| P802.3cw | | | | | | | | | | | | | | | | | | | | | WGB | | | |
| P802.3cx | | | | | | | | WGB | | | | | | | | SAB | | | | Std! | | | | |
| P802.3cy | | | | | | | | | | | | | | | | | WGB | | | | | | SAB | |
| P802.3cz | | | | | | | | | | | | | | | WGB | | | | | | | | SAB | |
| P802.3da | | | | | | | | | | | | | | | | | | | | | | | | >>> |
| P802.3db | | | | | | | | WGB | | | | | | | SAB | | | | | Std! | | | | |
| P802.3dd | | | | | | | | | WGB | | SAB | | | | | | | Std! | | | | | | |
| P802.3de | | | | | | | | | | WGB | | | | | SAB | | | Std! | | | | | | |
| P802.3df | | | | | | | | | | | | | | | | | | | | | | | | >>> |
| P802.3dc | | | | | | | WGB | | | | SAB | | | | | | Std! | | | | | | | |
| SASB | nr | d | d s | nr d | | nrb | | d | d s | d nr | | s d | nr | d | d s | nr d | | s | | | d | d s | d nr | s |

| Key | |
|-----|--------------------------------|
| d | Nes/RevCom submission deadline |
| n | NesCom teleconference |
| r | RevCom teleconference |
| b | SB teleconference |
| s | SASB meeting series |

Proposed path forward

Recirculation ballot and comment resolution meeting schedule

| | |
|--|---------------|
| 2 nd Standards Association recirculation ballot day 1 | 16 March 2022 |
| RevCom submittal deadline | 17 March 2022 |
| 2 nd Standards Association recirculation ballot close | 30 March 2022 |
| IEEE P802.3 comment resolution meeting | 4 April 2022 |
| RevCom teleconference meeting | 27 April 2022 |

Amendments target approval at following meeting

| | |
|--|---------------------|
| 3 rd Standards Association recirculation ballot day 1 | Circa 16 April 2022 |
| 3 rd Standards Association recirculation ballot close | Circa 30 April 2022 |
| IEEE P802.3 comment resolution meeting | Week of 2 May 2022 |
| RevCom submittal deadline | 6 May 2022 |
| SASB meeting | 16 June 2022 |

| | |
|--------------|-------------------|
| SASB meeting | 22 September 2022 |
|--------------|-------------------|

> 3 month delay!!!

Note: 3rd Standards Association recirculation ballot only if required.

IEEE P802.3 (IEEE 802.3dc) ballot results

- D3.0 initial SA ballot (opened 1 December 2021, closed 31 December 2021)
- D3.1 1st SA recirc. ballot (opened 15 February 2022, closed 2 March 2022)

| | D3.0 | | | | D3.1 | | | |
|------------------------|-------|--------|-------|--------|-------|--------|-------|--------|
| | Count | % | | Status | Count | % | | Status |
| | | Actual | Req'd | | | Actual | Req'd | |
| Abstain | 3 | 2 | < 30 | PASS | 3 | 2 | < 30 | PASS |
| Disapprove | 10 | - | - | - | 4 | - | - | - |
| Disapprove w/o comment | 0 | - | - | - | 0 | - | - | - |
| Approve | 92 | 90 | ≥ 75 | PASS | 108 | 96 | ≥ 75 | PASS |
| Ballots returned | 105 | 77 | ≥ 75 | PASS | 115 | 84 | ≥ 75 | PASS |
| Voters | 136 | - | - | - | 136 | - | - | - |
| Comments | 110 | - | - | - | 20 | - | - | - |

Comment break-down



Unresolved comments

Comments that support the remaining disapprove votes and responses

9 unresolved comments (3 ER, 2 GR, 4 TR) from 3 disapprove voters

See <https://www.ieee802.org/3/dc/comments/P8023_D3p1_D3p0_comments_unsatisfied.pdf>

Summary

- I-42: Inconsistent capitalization of "register". Accept in Principle, capitalization convention adopted and applied consistently throughout the draft
- I-52: Inconsistent management attribute enumeration sort order. Accept in Principle, sort order convention adopted and applied consistently throughout the draft.
- I-62: Protective Extra Low Voltage (PELV) is mentioned, but not explained. Accept in Principle, delete only instance of PELV.
- I-65: Isolating transformer test voltage. Rejected, insufficient information to implement a remedy and specification applies to the port, not a single component of the Ethernet port (e.g., a transformer).
- I-66: Multiport equipment testing. Accept in Principle, added note to implementers to consider termination of other ports when testing multi-port devices.
- I-69: Suggestion to ask IEC TC 64 for an interpretation regarding isolation requirements. Rejected, comment did not propose change to draft.
- I-74: Change reference to Safety Extra Low Voltage (SELV) to Safety Extra Low Voltage (SELV) or Protective Extra Low Voltage (PELV). Accept in Principle, changed to SELV (Safety Extra Low Voltage) power, as defined by IEC 60950-1.
- I-75: Delete note related to EtherType based frames and add main body text regarding invalid MAC frames. Accepted.
- I-89: Issues related to reference to IEC 60364-7-716. Accept in Principle, reference to IEC 60364-7-716 removed.

Note: Clause 12 "Procedure for conditional approval to forward a draft standard" of IEEE 802 LMSC Operations Manual includes the text "Where a voter has accepted some comment resolutions and rejected others, only the comments of which the voter has not accepted resolution should be presented."

Draft to RevCom motion

- Progress the IEEE P802.3 (IEEE 802.3dc) draft to RevCom once the IEEE Standards Association ballot process has been successfully completed
 - M: A. Healey on behalf of the Task Force
 - Technical ($\geq 75\%$)

Task Force Motion #5:

Progress the IEEE P802.3 (IEEE 802.3dc) draft to RevCom once the IEEE Standards Association ballot process has been successfully completed

- M: G. Thompson S: S. Carlson
- Technical ($\geq 75\%$)
- Passed by unanimous consent