IEEE 802.3 Maintenance Task Force Closing Report

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Chair, IEEE 802.3 Maintenance TF

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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

Activities since the March 2026 meeting

- Electronic meeting held on 14 October 2026
- Considered 2 new maintenance requests

No.	Standard	Reference	Subject	Status
1500	802.3-2022	Various, see details	OAM reset definition	Ready for ballot
1501	802.3-2022	Various, see details	Missing transition condition	Ready for ballot

- Updated the status of multiple maintenance requests: 5 published, 5 voting, 2 withdrawn
- Reviewed revision plan
- Approved maintenance changes to be implemented in revision draft

Maintenance request status

- 101 open maintenance requests
- Current status of open requests
  - Approved 0
  - Balloting 5
  - Ready for ballot 85
  - Awaiting clarification 2
  - Errata 0
  - To be categorized 9
- Also see http://www.ieee802.org/3/maint/requests/open_num.html

Revision plan

IEEE SA Standards Board Operations Manual 8.1.2

"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.

If, for any extenuating circumstances, an exception to these rules is required, the Standards Committee shall take its request for a two-year extension to RevCom. A project plan outlining the rationale for the request, as well as a schedule for the revision, also shall be submitted. RevCom will review the request and make a recommendation to the IEEE SA Standards Board.

During the two-year extension period, the Standards Committee can submit additional amendments and corrigenda for approval consideration. However, after this period, RevCom shall defer consideration of additional amendments or corrigenda until a revision is approved by the IEEE SA Standards Board."

Status of IEEE Std 802.3

IEEE Std 802.3-2022

Published amendments/corrigendum

- IEEE Std 802.3dd-2022
- IEEE Std 802.3cs-2022
- IEEE Std 802.3db-2022
- IEEE Std 802.3ck-2022
- IEEE Std 802.3de-2022
- IEEE Std 802.3cx-2023
- IEEE Std 802.3cz-2023
- IEEE Std 802.3cy-2023
- IEEE Std 802.3df-2024
- IEEE Std 802.3da-2026
- IEEE Std 802.3dk-2026
- IEEE Std 802.3dg-2026
- IEEE Std 802.3-2022/Cor 1-2024
- IEEE Std 802.3-2022/Cor 2-2026

Active projects

- IEEE P802.3dj
- IEEE P802.3dm
- IEEE P802.3dp
- IEEE P802.3dq
- IEEE P802.3ds
- IEEE P802.3dt
- IEEE P802.3dw
- IEEE P802.3dv

There are currently 82 maintenance requests marked “Ready for ballot”.

Consolidated timeline

Year	2026						2027												2028					
Month	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6
P802.3dj	<SAB					SASB																		
P802.3dm	<WGB				SAB					SASB														
P802.3dp	No timeline																							
Cor 2	<SAB		SASB																					
P802.3dq											WGB								SAB					
P802.3ds					WGB								SAB						SASB					
P802.3dt					WGB								SAB					SASB						
~~Revision plan A~~					WGB						SAB					SASB								
Revision plan B									WGB						SAB						SASB			

We are here

Revision must be approved before RevCom will consider any additional amendments

Revision status and next steps

Current status

- Roll-up draft includes amendments through IEEE Std 802.3dg-2026
- Roll-up draft includes Corrigendum 1 and Corrigendum 2
- Roll-up draft incorporates 82 maintenance changes
- Current draft spans 10 sections and approximately 8000 pages
- Thanks to IEEE SA editorial staff and Pete Anslow for supporting the roll-up
- Identified some volunteers for the editorial team

Next steps

- Continue recruiting for editorial team
- Incorporate IEEE P802.3dj into the roll-up draft (after approval and publication)
- Provide a detailed ballot schedule
- Consider incorporation of P802.3dm and possibly P802.3dt and P802.3ds during ballot

Maintenance requests implemented, 1 of 6

No.	Date	Standard	Reference	Subject
1395	22-Mar-22	802.3-2022	147.8	Mixing segment specifications
1396	22-Mar-22	802.3-2022	147.8	Mixing segment specifications
1398	23-May-22	802.3-2022	Various, see details	Primitive name
1400	13-Jul-22	802.3-2022	4.1.2.2	Description of collision
1401	09-Sep-22	802.3-2022	144.3.5	Remove GLID from list
1402	01-Dec-22	802.3-2022	135F.1	Typo
1403	09-May-23	802.3-2022	Table 119-5	Typo
1404	12-May-23	802.3-2022	Annex 55A	Machine-readable extracts
1405	26-May-23	802.3-2022	Various, see details	Formatting error
1406	26-May-23	802.3-2022	Various, see details	Incorrect cross-reference
1407	02-Jun-23	802.3-2022	Various, see details	Update interface list
1408	07-Jul-23	802.3-2022	30.12.3.1.59	"PD" not "PSE"

Maintenance requests implemented, 2 of 6

No.	Date	Standard	Reference	Subject
1409	10-Jul-23	802.3-2022	30.12.3.1	Duplicate subclause numbers
1410	06-Aug-23	802.3-2022	Various, see details	Typo
1411	06-Aug-23	802.3-2022	99.3.6	mCRC value mapping
1412	06-Aug-23	802.3-2022	99.4.7.1	State diagram conventions
1413	18-Aug-23	802.3-2022	99.4.7.7	SMDS_ENCODE() definition
1414	18-Aug-23	802.3-2022	99.4.7.7	Typo
1417	20-Sep-23	802.3ck-2022	161.5.3.8	am_rxpayloads derivation
1418	20-Sep-23	802.3-2022	Figure 36-3	Incorrect title
1419	22-Sep-23	802.3-2022	Figure 99-6	Missing action
1420	29-Sep-23	802.3ck-2022	116.4	Incorrect delay constraints
1422	11-Oct-23	802.3-2022	97.4.2.4.10	Requirement conditional on EEE
1423	08-Nov-23	802.3ck-2022	Various, see details	AC-coupling to test points
1424	08-Nov-23	802.3ck-2022	Various, see details	Add measurement frequency
1425	13-Dec-23	802.3-2022	Figure 119-11	Typo
1426	18-Jan-24	802.3-2022	149.1.3	Extraneous signal
1427	25-Jan-24	802.3-2022	120G.3.3.5.2	Incorrect reference point

Maintenance requests implemented, 3 of 6

No.	Date	Standard	Reference	Subject
1428	07-Feb-24	802.3-2022	132.1.6	Incorrect cross reference
1430	03-Apr-24	802.3-2022	Table 141-20	Incorrect column headings
1432	14-May-24	802.3df-2024	90A.3	Incorrect values in Table 90A-1
1434	30-May-24	802.3-2022	Various, see details	Include RS in Clause 6
1435	30-May-24	802.3-2022	97.4.2.6.4	Typo
1436	15-Jul-24	802.3ck-2022	162.9.4.7	Incorrect reference
1442	30-Aug-24	802.3-2022	Various, see details	Scope of minwait_timer
1443	10-Sep-24	802.3cz-2023	166.6.4.8.4	Correct hisotgram normalization
1444	10-Sep-24	802.3cz-2023	166.6.2.2	Correct reference and add clarity
1445	17-Sep-24	802.3-2022	148.4.4.2	Alphabetize list
1446	17-Sep-24	802.3-2022	148.4.4.4	Alphabetize list
1447	04-Oct-24	802.3-2022	149.3.9	Exchange PHY health instead of OAM status
1449	04-Oct-24	802.3-2022	149.3.9.2.1	PHY frame vs. RS_FEC frame
1452	04-Oct-24	802.3-2022	149.3.9.2.1	Replace D8 with explicit symbol/bit index
1453	04-Oct-24	802.3-2022	149.3.9.2.3	Tie text more closely with Figure 149-22
1454	04-Oct-24	802.3-2022	149.3.9.2.4	Tie text more closely with Figure 149-22

Maintenance requests implemented, 4 of 6

No.	Date	Standard	Reference	Subject
1455	04-Oct-24	802.3-2022	149.3.9.2.11	Description contains unrelated content
1458	04-Oct-24	802.3-2022	149.3.9.4.2	Subclause has no content
1459	04-Oct-24	802.3-2022	149.3.9.4.3	Redundant "shall" in rx_exp_toggle definition
1462	04-Oct-24	802.3-2022	149.3.9.4.3	PHY frame vs. RS_FEC frame
1465	04-Oct-24	802.3-2022	149.3.9.2.13	Correct bit index
1466	04-Oct-24	802.3-2022	149.3.9.4.3	Correct reference
1467	04-Oct-24	802.3-2022	Figure 149-24	Missing ")" in state transition condition
1468	04-Oct-24	802.3-2022	149.3.9.2.7	Toggle validity
1469	04-Oct-24	802.3-2022	149.3.9.2.11	OAM message data validity
1470	04-Oct-24	802.3-2022	149.3.9.2.10	OAM message number validity
1471	12-Nov-24	802.3-2022	Various, see details	Update reference
1472	24-Nov-24	802.3-2022	22.2.1	Incorrect arrow direction
1474	19-Feb-25	802.3-2022	Figure 135A-7	Extraneous text in figure
1475	10-Apr-25	802.3-2022	Various, see details	Incorrect symbol
1476	10-Apr-25	802.3-2022	130.10.4.2	Incorrect symbol
1477	23-Jun-25	802.3-2022	98.2.1	PHYs missing from list

Maintenance requests implemented, 5 of 6

No.	Date	Standard	Reference	Subject
1478	23-Jun-25	802.3-2022	97.1.2	Incorrect signal name
1480	23-Jun-25	802.3-2022	97.1.2	Improve accuracy of text
1481	23-Jun-25	802.3-2022	97.3.2	Improve accuracy of text
1482	23-Jun-25	802.3-2022	Various, see details	Use "octet" in place of "oct"
1483	23-Jun-25	802.3-2022	97.5.2.1	Fixtures vs. configurations
1484	23-Jun-25	802.3-2022	149.1.3	Incorrect signal names
1486	23-Jun-25	802.3-2022	149.1.3	Improve accuracy of text
1487	23-Jun-25	802.3-2022	149.1.3.1	Reed-Solomon notation
1488	23-Jun-25	802.3-2022	149.3.2	Improve accuracy of text
1489	23-Jun-25	802.3-2022	Figure 149-18	Indicate optional portions
1490	23-Jun-25	802.3-2022	Various, see details	Use "octet" in place of "oct"
1491	23-Jun-25	802.3-2022	149.5.1.1	Fixtures vs. configurations
1492	23-Jun-25	802.3-2022	Various, see details	Redundant text
1493	23-Jun-25	802.3-2022	Various, see details	Capitalization
1494	23-Jun-25	802.3-2022	149.11.4.1	Correct PICS status
1495	23-Jun-25	802.3-2022	Various, see details	Physical "medium" attachment

Maintenance requests implemented, 6 of 6

No.	Date	Standard	Reference	Subject
1496	05-Aug-25	802.3-2022	Various, see details	Typo
1497	09-Mar-26	802.3-2022	Various, see details	Update transition condition
1498	05-May-26	802.3-2022	Various, see details	Correct function name
1499	29-May-26	802.3-2022	Various, see details	Remove unnecessary text
1500	04-Sep-26	802.3-2022	Various, see details	OAM reset definition
1501	08-Sep-26	802.3-2022	Various, see details	Missing transition condition

Questions?