

IEEE 802.3 Maintenance Task Force Closing Report

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Chair, IEEE 802.3 Maintenance TF

22 July 2021

Topics

- Project information
- Activities this session
- Standards to ISO/IEC JTC 1/SC 6 for adoption
- 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
 - Adee 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

- Approved submission of standards to ISO/IEC JTC 1/SC 6 for adoption
 - IEEE Std 802.3cv-2021
 - IEEE Std 802.3ct-2021
 - IEEE Std 802.3ct-2021
- Discussed revision plan
- Agreed to progress revision draft to WG ballot

Standards to ISO/IEC

Standards to ISO/IEC motion

- Submit IEEE Std 802.3cv-2021, IEEE Std 802.3ct-2021, and IEEE Std 802.3cp-2021 to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.
 - M: A. Healey on behalf of the Task Force
 - Technical ($\geq 75\%$)

Task Force Motion #3:

Submit IEEE Std 802.3cv-2021, IEEE Std 802.3ct-2021, and IEEE Std 802.3cp-2021 to ISO/IEC JTC 1/SC 6 for ratification under the PSDO agreement.

- M: R. Grow S: M. Hajduczenia
- Technical (> 75%)
- Passed by unanimous consent

Revision

Considerations for the revision plan

Consideration	Comments
Target a short revision timeline	<ul style="list-style-type: none">• Minimize disruption to project schedules• Verify correct implementation of the roll-up and ballot maintenance changes• Use targeted maintenance projects for more “heavy lifting” (e.g., cq, cr, cv, dd)• Requires forbearance of the balloting group
Able to incorporate approved amendments into the revision draft prior to initial SA ballot	<ul style="list-style-type: none">• Add amendment as balloted and approved• It is a hardship on the editorial team (use sparingly)
SA ballot of amendments can be done in parallel with the revision	<ul style="list-style-type: none">• Amendment(s) requires one additional recirculation after completion of revision SA ballot• Align to final revision draft• Can be placed on the same RevCom agenda as the revision draft (but prefer not to do so)

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						SAB													Std!
P802.3cx									WGB				SAB											Std!
P802.3cy																	WGB						SAB	
P802.3cz									WGB											SAB				
P802.3da																WGB							SAB	
P802.3db									WGB				SAB											
P802.3dd									WGB				SAB					Std!						
P802.3dc							WGB					SAB												
SASB	nr	d	d s	nrd	nrb		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 to Working Group ballot

Date	Action / Event	Notes
<input checked="" type="checkbox"/> 13 May	IEEE P802.3/D1.0 posted	“Roll up” combines IEEE Std 802.3-2018 and 11 published amendments
<input checked="" type="checkbox"/> 27 May	Maintenance TF meeting	Seek approval to generate D1.1 and submit it for WG preview <ul style="list-style-type: none">• Incorporate IEEE Std 802.3cv-2021• Implement maintenance requests
<input checked="" type="checkbox"/> 25 June	Post IEEE P802.3/D1.1 Submit for WG preview	
<input checked="" type="checkbox"/> 19 July	Maintenance TF meeting	Consider any changes for D2.0 Seek approval to progress to WG ballot
22 July	IEEE 802.3 closing plenary	Seek approval to progress D2.0 to WG ballot

Change from D1.1 to D2.0

- Capitalization

- **142.3.5.1 Constants**

- EBD257

- Type: 257-bit block

- Description: The EBD257 constant holds the value of the end-of-burst delimiter.

- Value: Bit 0 followed by $0x0F_{10}-(01-EE-E8-02-D3-CA)_3-(EB-D2-57)_4$

WG ballot motion

- Progress IEEE P802.3/D2.0 to Working Group ballot.
 - M: A. Healey on behalf of the Task Force
 - Technical ($\geq 75\%$)

Task Force Motion #4:

Progress IEEE P802.3/D2.0 to Working Group ballot.

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

Next steps

- If progressing to WG ballot
 - Post Draft 2.0 and announce ballot circa 23 July
 - Ballot close date will be circa 21 August
 - Hold teleconference meeting(s) to resolve comments
 - Number and frequency of meetings depend on number of comments
- If not progressing to WG ballot
 - Hold teleconference meeting to discuss next steps
- Meeting announcement(s) will be posted to the reflector

Revision ballot form

APPROVE ALL WITHOUT COMMENT

APPROVE ALL WITH COMMENTS on SOME
[All comments are non-binding]

DISAPPROVE
[You must attach specific comments for remedy - further you will need to provide a vote below on the base standard as well as each change as listed below, and provide comments on individual changes, as appropriate to your individual item votes.]

ABSTAIN, Lack of Expertise

ABSTAIN, Lack of Time

Use the following to cast votes on individual parts of the ballot instead of an overall vote. Maintenance change locations are identified by an editor's note [Comment instructions are further down].

Base	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
1314	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
1315	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
1316	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
1317	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
1318	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
1319	<input type="checkbox"/>	App	<input type="checkbox"/>	App/Comment	<input type="checkbox"/>	Disapprove
...						

Questions?