

Chief Editor's Report

IEEE 802.3

P802.3cz Multi-Gigabit Optical Automotive Ethernet
Task Force

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Summary

- Received comments stats
- Comment resolution agenda and roadmap
- Thanks to commenters
- Next steps
 - PMD baseline
 - Test Modes baseline

Received comments stats

 Stats_by_Clause

Clause	E	G	T	ER	GR	TR	Open	Closed	Total
1	1	0	0	0	0	0	1	0	1
105	2	0	0	0	0	0	2	0	2
116	1	0	3	0	0	0	4	0	4
125	2	0	0	0	0	0	2	0	2
131	3	0	0	0	0	0	3	0	3
166	67	0	64	0	0	0	131	0	131
166A	0	0	1	0	0	0	1	0	1
30	1	0	0	0	0	0	1	0	1
44	1	0	0	0	0	0	1	0	1
45	14	0	11	0	0	0	25	0	25
78	1	0	0	0	0	0	1	0	1
FM	3	0	0	0	0	0	3	0	3
Keywords	1	0	0	0	0	0	1	0	1
Total	97	0	79	0	0	0	176	0	176

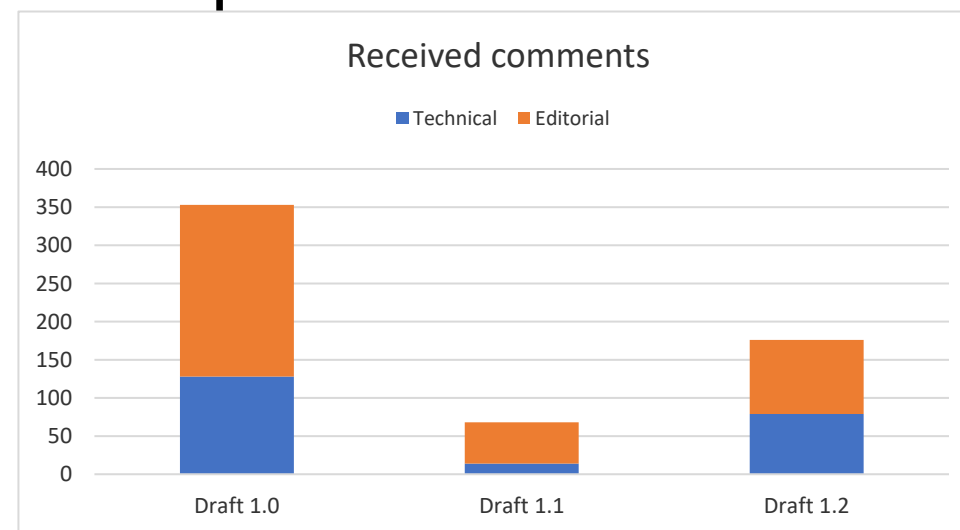
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- 176 comments
 - 97 Editorial
 - 79 Technical
- Most of the Technical comments on Clause 166 (40) related with text improvements
- Many comments about Document Layout (indent, figures) (27)

Received comments stats

Stats_by_Topic							lunes, 3 de enero de 2022		
							13:37:18		
Topic	E	G	T	ER	GR	TR	Open	Closed	Total
Asymetric BASE-AU PHY type	0	0	2	0	0	0	2	0	2
Control codes	0	0	1	0	0	0	1	0	1
Document layout	27	0	0	0	0	0	27	0	27
EZ	6	0	0	0	0	0	6	0	6
Front matter template version	1	0	0	0	0	0	1	0	1
Invalid block	0	0	1	0	0	0	1	0	1
LFSR	4	0	3	0	0	0	7	0	7
LPI	0	0	5	0	0	0	5	0	5
Management interface baseline proposal	0	0	1	0	0	0	1	0	1
Monitor P802.3 comment resolution	4	0	0	0	0	0	4	0	4
Overspecification	1	0	6	0	0	0	7	0	7
PCS process	0	0	1	0	0	0	1	0	1
PCS transmit state machine	1	0	4	0	0	0	5	0	5
PMA/PMD type selection	1	0	0	0	0	0	1	0	1
PMD baseline	0	0	1	0	0	0	1	0	1
Receiver spec	1	0	0	0	0	0	1	0	1
Redundant shall statement	0	0	4	0	0	0	4	0	4
RFER	0	0	1	0	0	0	1	0	1
RS-FEC counter	0	0	3	0	0	0	3	0	3
Temperature grades	0	0	1	0	0	0	1	0	1
Text improvement	49	0	40	0	0	0	89	0	89
Unidirectional BER test mode	0	0	5	0	0	0	5	0	5
Unidirectional fiber	2	0	0	0	0	0	2	0	2
Total	97	0	79	0	0	0	176	0	176

- Sorted into 23 different topics
- Many text improvements proposed to be accepted collected into “Text improvement” bucket



Comment Resolution Roadmap

Order	Topic	Number of comments	First comment
1	Document layout	27	#92
2	Front matter template version	1	#167
3	Monitor P802.3 comment resolution	4	#168
4	EZ	6	#5
5	Unidirectional fiber	2	#13
6	Overspecification	7	#94
7	Redundant shall statement	4	#155
8	LFSR	7	#174
9	Management interface baseline proposal	1	#137
10	LPI	5	#152
11	Receiver spec	1	#16
12	PMA/PMD type selection	1	#46

- Document layout: Comments about document structure, figures and indent.
- EZ: Some editorial comments to discuss
- Overspecification/
redundant shall statement: Comments about duplicate shall statements or detailed specification level.

Comment Resolution Roadmap

Order	Topic	Number of comments	First comment
13	PCS process	1	#75
14	Control codes	1	#100
15	PCS transmit state machine	5	#112
16	Invalid block	1	#120
17	RFER	1	#146
18	RS-FEC counter	3	#77
19	Asymmetric BASE-AU PHY type	2	#55
20	Unidirectional BER test mode	5	#83
21	Temperature grades	1	#139
22	PMD baseline	1	#173
23	Text improvement	89	#170

- Temperature grades: Comments on synchronization of temperature grades with AEC-Q100.
- PMD baseline: Proposal to merge PMD baseline to the Draft
- Text improvement: Comments to improve the text. All are proposed accept or with slight changes to the proposal.

Editing instructions

- **P802.3cz/D1.2 has been written assuming that it will be an amendment to the next revision of IEEE Std 802.3**, and the editing instructions are updated with IEEE P802.3/D2.2 (November 2021)
 - However, some changes are expected after IEEE P802.3/D3.0 comment resolution this January meeting
- **Some monitoring actions have been proposed for P802.3cz**
 - Collected inside the “Monitor P802.3 comment resolution” bucket
- **Proposed action: Synchronize editing instructions and text related with clauses revised by the P802.3 Maintenance Task Force with last P802.3 Draft in P802.3cz/D1.3**
 - Therefore, we automatically resolve the “Monitor P802.3 comment resolution” bucket.

“Text improvement” and “EZ” buckets

- There are 89 comments that improve the text by adding more detailed, or fix some typos in the references to other sections. They have been included in the “Text improvement” bucket.
- There are 6 more comments in the “EZ” bucket dealing with the wording or syntax.
- Call to Task Force participants: please review these Buckets and provide feedback.
- **Proposed action: Accept all proposed remedies in both buckets at the end of the D1.2 comment resolution (including comments not discussed).**

Thanks to the commenters!

Please keep on commenting and improving our Draft

Next Steps

- PMD baseline is still pending
 - A proposal to merge swanson_3cz_02c_030821_AUTO_MDI_Baseline.pdf into the draft has been received.
- Test modes to measure optical parameters and sensitivity are still pending.
 - Expected contribution by mid February.
- Editor will update PICs items for current text and any changes to “shall” requirements from comment resolution.

Important dates

- Comment Resolution starts today (11 January)
 - Please, revise proposed response to the comments and “Text improvement” bucket
 - Thanks to reviewers!!
- TF Chair has been requested to present to IEEE 802.3 on the status of our deadlock on PMD selection
 - TF Chair will provide more detail than provided to WG in November
 - As noted in previous TF interim calls, the WG can take action to move work forward with or without a recommendation from the TF

Thanks!

Questions?