Chief Editor's Report

IEEE 802.3

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

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P802.3cz Editor-in-Chief, KDPOF

Interim Task Force teleconference, 18 May 2021

Summary

- D1.1 schedule and contents
- Commenting the Draft. Guidelines and deadline
- Thanks to the commenters
- Next steps
  - Expected PMD contributions
  - Expected PCS/PMA contributions

D1.1 schedule and contents

- Contents:
  - 353 comment resolution implementation (225 Editorial / 128 Technical)
  - Eye Safety as approved by TF (Motion #3, 26 January 2021)
- Schedule
  - The D1.1 version of the draft is available in the TF private area for commenting.
  - Draft TF review deadline 2 June
  - Comment resolution meetings on a weekly basis, combined with new contributions
    - 8, 15, 22 and 29 June

Commenting the Draft. Guidelines

- We will use the IEEE 802.3 comment tools (http://www.ieee802.org/3/WG_tools/index.html)
  - I strongly recommend the use of the “comment entry spreadsheet” tool
- The spreadsheet tool has the following fields:

Category	Page	Sub-clause	Line #	Comment	Proposed Change	Must Be Satisfied

- There is no vote during Task Force review, therefore, please ignore the “Must be Satisfied” field.
- Category can be Technical, Editorial or General. Please fill following your criteria.
- Please identify the specific text that is problematic for you, and quote it if possible in the comment field
- Always write a proposed change.
  - In the case that you think that the text is not clear enough, **please state what the ambiguity is to be resolved**.
  - Try **to be specific** and **provide a technical direction to fix the issue**. Do not use generic comments as “Needs to be improved” or “Needs to be fixed”
  - In case that the required change/fix is too complex to be written in the spreadsheet tool, please provide a presentation with your proposal, and fill the Proposed Change field with the name of the presentation jointly with a summary of your proposed remedy

Commenting the Draft. Deadline

Send your comments to your Chief Editor (Luisma Torres) and the TF Chair (Bob Grow) by June 2 (Wednesday)

Thanks to the commenters!

Please keep on commenting and improving our Draft

Next Steps

- ToDo list needs due dates for
  - VCSEL + GIPOF PMD tasks
  - Silicon Photonics + OM2/OM3 PMD tasks
  - Silicon Photonics + GIPOF PMD tasks
- TF participants should propose contributions and due dates to be included in the ToDo list.

VCSEL + OM3 PMD

Task	Subtask	Owner	2021																													
			Apr		May				Jun				Jul				Aug		Sept			Oct		Nov			Dec						
			13	27	11	18	25	26	8	15	22	29	13	14?	20	21?	10	24	7	IN	28	12	26	9	PL	30	14	28				
VCSEL + OM3 PMD																																
	50Gb/s over 15m + 2IL Link Budget	Rubén Pérez de Aranda																														
	VCSEL reliability	Joseph Pankert																														

VCSEL + GIPOF PMD

- Need to fill due dates

Task	Subtask	Owner	2021																									
			Apr		May				Jun				Jul				Aug		Sept			Oct		Nov			Dec		
			13	27	11	18	25	26	8	15	22	29	13	14?	20	21?	10	24	7	IN	28	12	26	9	PL	30	14	28
VCSEL + GIPOF PMD																												
	Bandwidth and attenuation measurements with consensus among independent laboratories at 850 nm and 980 nm	Takayama-san																										
	Link budget revision (25Gpbs objective not reached)	Takayama-san																										
	50Gb/s over 15m + 2IL Link Budget	Takayama-san																										
	VCSEL reliability (same as VCSEL +OM3)																											

Silicon Photonics + OM2/OM3 PMD

- Need to fill due dates

Task	Subtask	Owner	2021																									
			Apr		May				Jun				Jul				Aug		Sept			Oct		Nov			Dec		
			13	27	11	18	25	26	8	15	22	29	13	14?	20	21?	10	24	7	IN	28	12	26	9	PL	30	14	28
Silicon Photonics + OM2/OM3 PMD																												
	Attenuation and bandwidth measurements with consensus among independent laboratories at 1310 nm	Ogura-san /Richard Pitwon																										
	2.5, 5, 10, 25Gb/s over 40m + 4 IL Link Budget in the temperature range	Ogura-san /Richard Pitwon																										
	50Gb/s over 15m + 2IL Link Budget in the temperature range	Ogura-san /Richard Pitwon																										
	Silicon photonics system reliability for automotive	Ogura-san /Richard Pitwon																										
	Relative cost comparison	Ogura-san /Richard Pitwon																										
	Ability to produce in automotive volumes	Ogura-san /Richard Pitwon																										

Silicon Photonics + GIPOF PMD

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	Ability to produce in automotive																											

Important dates

- D1.1 is already available
- D1.1 comment deadline by 2 June
- TF participants are encouraged to provide due dates for needed contributions to be included in the ToDo list today

Thanks!

Questions?