

Chief Editor's Report

IEEE 802.3

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

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Summary

- D1.2 schedule and contents
- Commenting the Draft. Guidelines and deadline
- Thanks to the commenters
- Next steps
 - Expected PMD contributions
 - Expected PCS/PMA contributions

D1.2 schedule and contents

- Updated content compared to D1.1:
 - 68 comment resolution implementation (54 Editorial / 14 Technical)
 - 50 Gb/s PCS & PMA (Motion #2, 12 October 2021)
 - EEE/LPI (Motion #4, 12 October 2021)
 - Loopback modes (Motion #5, 12 October 2021)
 - BER test mode (Motion #6, 12 October 2021)

D1.2 schedule and contents

- Schedule

- The D1.2 version of the draft will be available in the TF private area for commenting from 7 December
- Draft TF review deadline is 21 December
- Comment resolution meetings on a weekly basis, combined with new contributions
 - 11, 18 January already scheduled
 - 12, 19 January reserved as optional dates
 - Preference to new contributions

Next Steps

- Expected contributions (as listed in ToDo list. Updated 12 Oct 2021)
 - VCSEL + GIPOF PMD
 - Bandwidth and attenuation measurements with consensus among independent laboratories at 850 nm and 980 nm
 - Link budget revision (25Gb/s objective not reached)
 - 50Gb/s over 15m + 2IL Link Budget (Objective not reached)
 - Silicon Photonics + OM2/OM3 PMD
 - Attenuation and bandwidth measurements with consensus among independent laboratories at 1310 nm
 - 50Gb/s over 15m + 2IL Link Budget in the temperature range
- Other contributions needed
 - PMD test methods
- Select a PMD to get a technically complete draft.

Important dates

- D1.2 will be available in the TF private area from 7 December
- D1.2 comment deadline is 21 December
- D1.2 comment resolution will begin 11 January

Thanks!

Questions?