

# Chief Editor's Report

IEEE 802.3

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

Luis Manuel (Luisma) Torres

P802.3cz Editor-in-Chief, KDPOF

Interim Task Force teleconference, 17 November 2021

# Summary

---

- D1.2 schedule and contents
- 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
  - Management interface
  - PICS
- 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?