

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Opening Report

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IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Project information

Task Force Organization

Yuji Watanabe, IEEE P802.3dh Task Force Chair

Kazuya Takayama, IEEE P802.3dh Task Force Secretary

Task force web and reflector information

Reflector information: : <http://www.ieee802.org/3/dh/reflector.html>

Home page: <http://ieee802.org/3/dh/index.html>

PAR: https://www.ieee802.org/3/dh/P802d3dh_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0085-00-ACSD-p802-3dh.pdf>

Objectives: <https://www.ieee802.org/3/dh/P802d3dh%20Objectives.pdf>

Draft timeline: https://www.ieee802.org/3/dh/Draft_time_line_dh_2022_07.pdf

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IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Activities since July 2022 plenary

Met during the September 2022 interim meeting series and five Ad Hoc meetings

Major items discussed, decisions made and actions

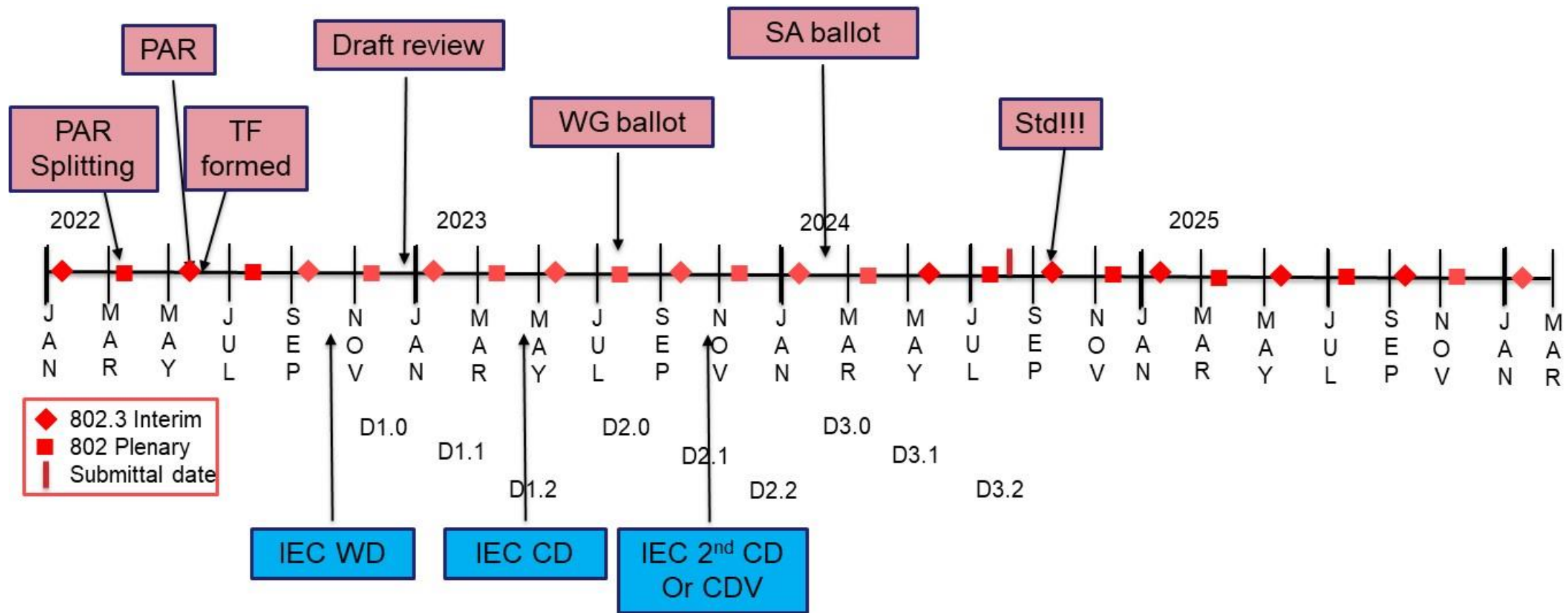
Discussion on PCS/PMA: BASE-U or BASE-SR

Operation wavelength: 980nm or wider band 850 – 980 nm

Current status

On the way to make consensus on PCS/PMA and wavelength

IEEE P802.3 dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Adopted timeline



Time line will be revised during this plenary

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Plans

Goals for the plenary session meeting(s)

- ✓ Technical feasibility of GI-POF link
- ✓ Adopt time line

Big ticket items

- ✓ Make consensus on PCS/PMA and operation wavelength

Future

- ✓ To create base line text

Questions?

Thank you!