



IEEE P802.3bv Gigabit Ethernet Over Plastic Optical Fiber (GEPOF) Closing Report

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IEEE P802.3bv GEPOF project information

Task Force Organization

Bob Grow, TF Chair, Editor

Rubén Pérez de Aranda Alonso, Comment Editor, Editor

Task force web and reflector information

- Reflector information: <http://www.ieee802.org/3/bv/reflector.html>
- Home page: <http://ieee802.org/3/bv/index.html>
 - PAR: http://www.ieee802.org/3/bv/P802_3bv_PAR_approved_121214.pdf
 - CSD: http://www.ieee802.org/3/bv/CSD_GEPOF_1114.pdf
 - Objectives: http://www.ieee802.org/3/bv/Objectives_GEPOF_2_0714.pdf

Approved GEPOF Objectives

Preserve the IEEE 802.3/Ethernet frame format utilizing the IEEE 802.3 MAC

Preserve minimum and maximum frame size of the current IEEE 802.3 standard

Support full duplex operation only

Support a data rate of 1000 Mb/s at the MAC/PLS service interface

For the automotive environment:

- Specify operation over at least 15m of POF with 4 POF connections

- Specify operation over at least 40m of POF with no POF connections

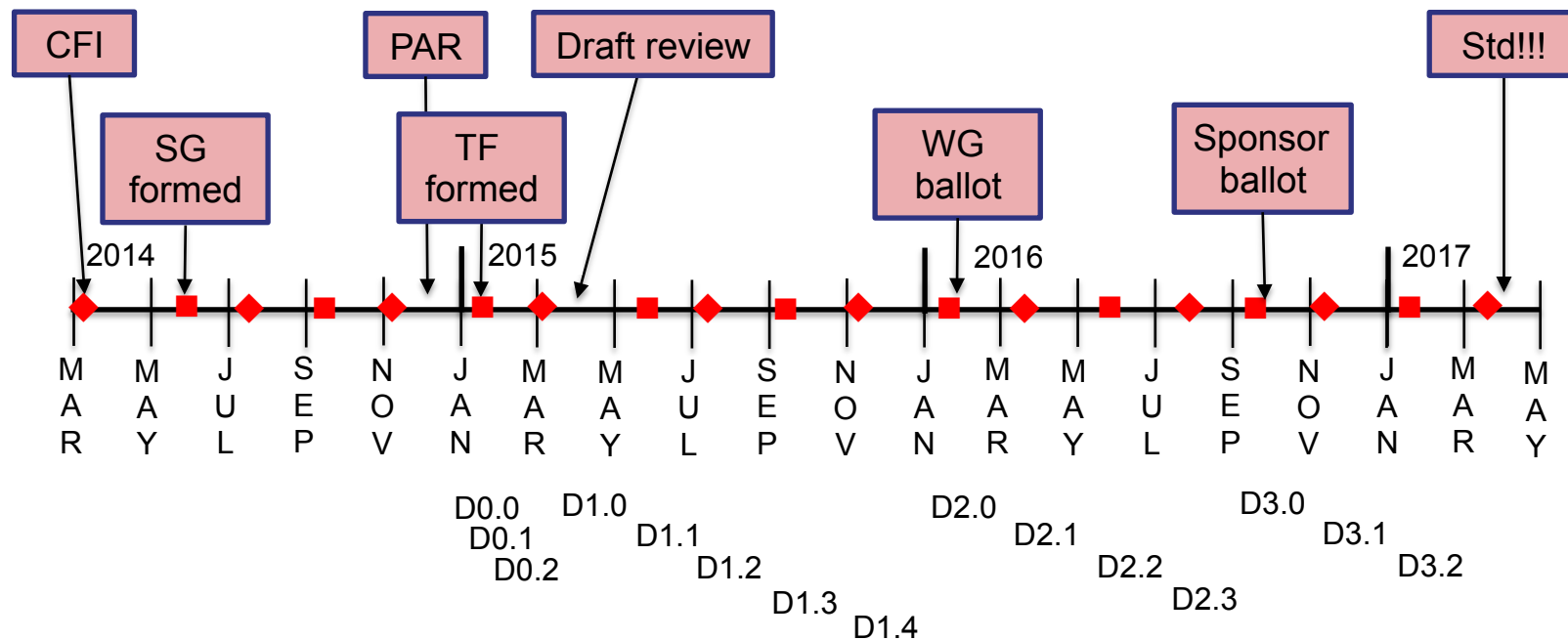
For the home and industrial environment specify operation over at least 50m of POF with 1 POF connections

Maintain a bit error ratio (BER) better than or equal to 10^{-12} at the MAC/PLS service interface

Specify optional Energy-Efficient Ethernet for 1000 Mb/s over POF

P802.3bv Timeline

Revised 10 November 2015



Activity this week

- **Planned activities**
 - ✓ D1.3 comment resolution (122 comments resolved)
 - ✓ Decide on requesting advancement to January WG (we will request WG ballot in January)
- **Big ticket items**
 - ✓ Refinement of optical specifications

P802.3bv TF Review

- Authorized production of P802.3bv/D1.4 for 5th Task Force Review
- Authorized submission of D1.4 to 802.3 for January approval of WG ballot



Questions?

Thank you!