



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

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# IEEE P802.3bv GEPOF project information

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## Task Force Organization

Bob Grow, TF Chair, Editor

Rubén Pérez de Aranda Alonso, Comment 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](http://www.ieee802.org/3/bv/P802_3bv_PAR_approved_121214.pdf)
  - CSD: [http://www.ieee802.org/3/bv/CSD\\_GEPOF\\_1114.pdf](http://www.ieee802.org/3/bv/CSD_GEPOF_1114.pdf)
  - Objectives: [http://www.ieee802.org/3/bv/Objectives\\_GEPOF\\_2\\_0714.pdf](http://www.ieee802.org/3/bv/Objectives_GEPOF_2_0714.pdf)

# Approved GEPOF Objectives

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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

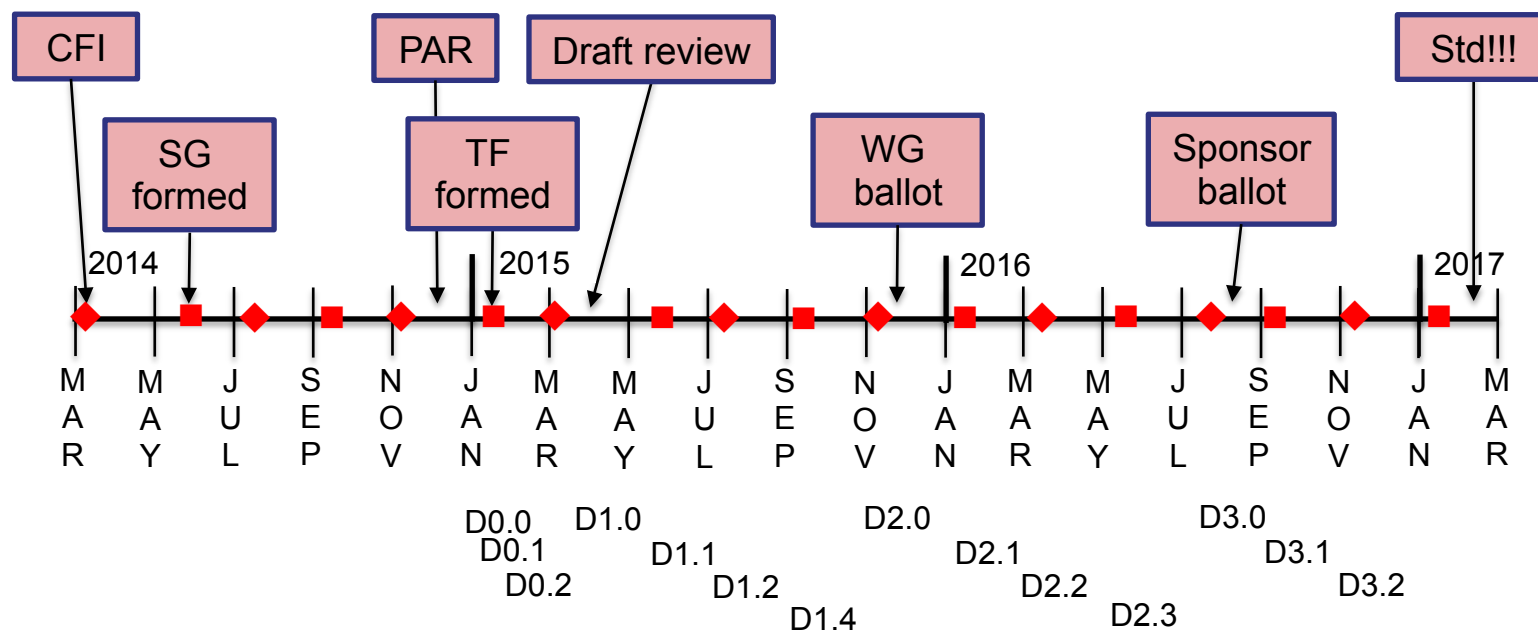
For the home and industrial environment specify operation over at least 50m of POF with 1 POF connections

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 15 July 2015



# Activity this week

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- **Planned activities**
  - ✓ D1.1 comment resolution (480 comments resolved)
  - ✓ Continue draft refinement (PICS, Management register)
  - ✓ Decide on requesting advancement to WG ballot (as decided in May) or instead continue TF review (We will not request WG ballot)
- **Big ticket items**
  - ✓ OAM
  - ✓ Clause 45
  - ✓ EEE/LPI
  - ✓ PICS
  - ✓ Number of comments
- **Begin preparation of D1.2 for 3<sup>rd</sup> TF review**



Questions?

Thank you!