

IEEE 802.3 Closing Plenary Report

IEEE 802.3bv Gigabit Ethernet over Plastic Optical Fiber
Task Force

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Reflector and web

- To subscribe to the GEPOF reflector, send an email to:
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IEEE P802.3bv GEPOF project information

Task Force Organization

Bob Grow, TF Chair, Editor

Rubén Pérez de Aranda Alonso, Editor, Comment Editor

Task force web and reflector information

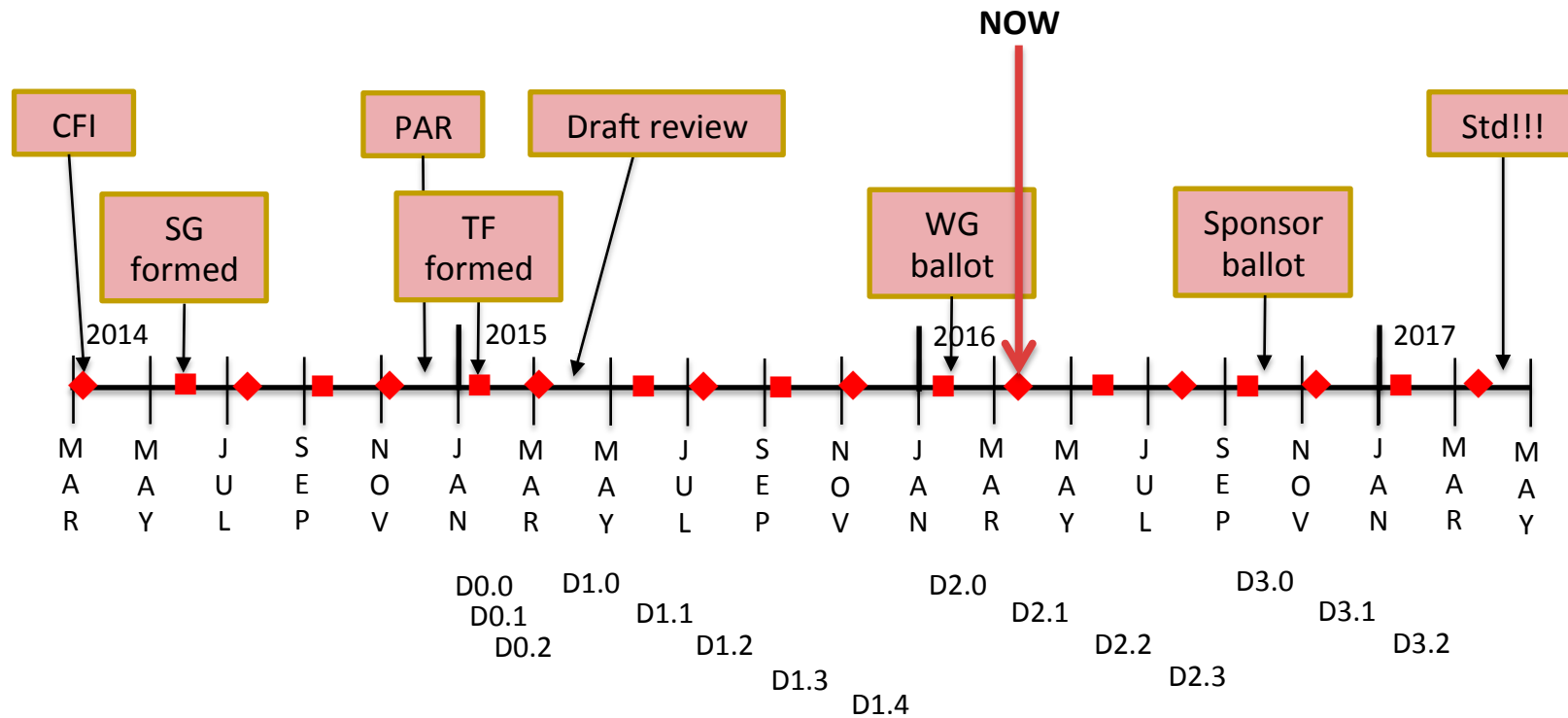
- Reflector information: <http://www.ieee802.org/3/bv/reflector.html>
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 - CSD: http://www.ieee802.org/3/bv/CSD_GEPOF_1114.pdf
 - Objectives: http://www.ieee802.org/3/bv/Objectives_GEPOF_2_0714.pdf

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

- Comment resolution – all comments closed
 - 96 Editorial
 - 51 Editorial Required
 - 59 Technical
 - 74 Technical Required
 - 280 Total comments
 - We will be following up with disapprove voters to request indication of satisfaction with comment responses.
- Approved creation of P802.3bv/D2.1 for WG recirculation ballot