

IEEE P802.3db Short Reach Fiber TF Report

Robert Lingle, Jr

OFS

Plenary Teleconference

07/15/2011

IEEE P802.3db Short Reach Fiber Project information

Task Force Organization

Robert Lingle, Jr., Task Force Chair

Mabud Choudhury, Task Force Secretary

Earl Parsons, Editor

Ramana Murty, Editor

Task force web and reflector information

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

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

PAR: http://ieee802.org/3/db/P802d3db_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0097-01-ACSD-p802-3db.pdf>

Objectives: https://www.ieee802.org/3/db/P802d3db_Updated_Objectives_Approved_November_2020.pdf

IEEE P802.3db Short Reach Fiber Activities since March 2020 plenary

- Short Reach Fiber Task Force
 - Held a regular cadence of biweekly teleconferences
 - Four calls were designated Interim TF Telecons on 4/5, 5/13, 5/27 & 7/1
- Completed CR on D0.1; Generated D0.2; completed CR on D0.2
- Generated D1.0; Completed CR on D1.0; Generated D1.1
- Began CR on D1.1 on 7/1
 - Comments were closed on a big-ticket item (receiver sensitivity) on 7/1, with good consensus, provisionally eliminating several TBDs and footnotes in the draft

IEEE P802.3db Short Reach Fiber Meeting week plan

TF Interim Telecon Monday March 19th, 10am Eastern time

- Webex Info <https://www.ieee802.org/3/calendar.html>
- 74 comments were submitted against D1.1
- CR was begun on 7/1. We anticipated continuing on 7/19, 7/29, and possibly 8/5

Goals for the meeting

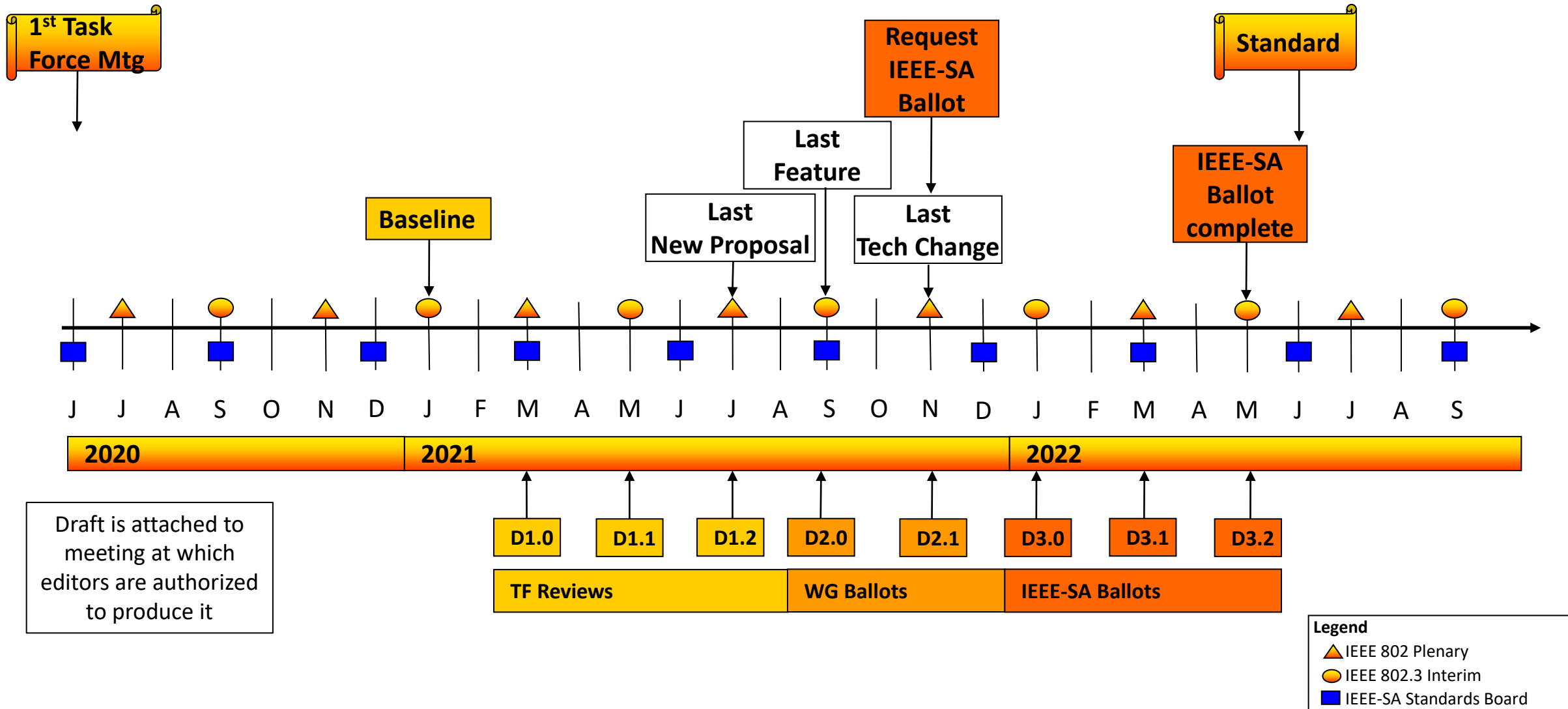
- Respond to Liaison letter from TIA TR-42
- Continue comment resolution on D1.1
- Resolve TBDs

Big ticket items in Comment Resolution

- Consider allowing 940nm as an alternative wavelength in addition to 850nm for VR PMDs
- Choosing TDECQ and # taps (5 to 9) in Ref EQ to minimize cost & power for the 50m VR PMDs

IEEE P802.3db Task Force Timeline

Adopted by TF November 2020



Questions?

Thank you!