

IEEE P802.3db Short Reach Fiber TF Report

Robert Lingle, Jr

OFS

Plenary Teleconference

11/08/2021

IEEE P802.3db Short Reach Fiber Project information

Task Force Organization

Robert Lingle, Jr., Task Force Chair

Mabud Choudhury, Task Force Vice-Chair & Recording 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

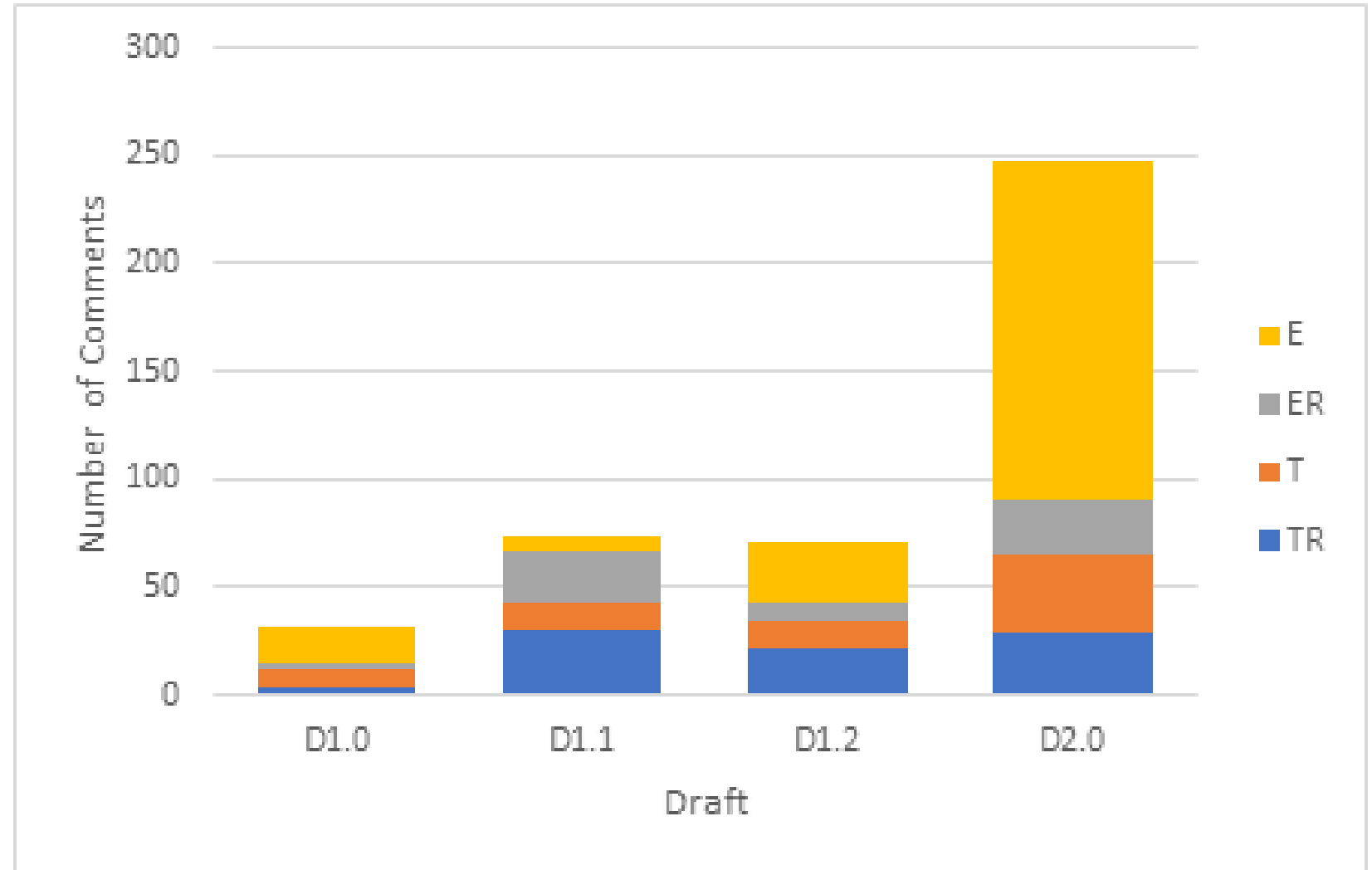
IEEE P802.3db Short Reach Fiber Activities since July 2021 plenary

- Short Reach Fiber Task Force
 - Held a regular cadence of biweekly teleconferences, plus additional telecons as needed
 - Designated multiple TF telecons as Interim telecons to conduct Comment Resolution on drafts
- Completed CR on D1.1
- Generated D1.2
- Completed CR on D1.2
- Generated D1.3
- Granted permission from 802.3 WG to progress to WG ballot (D1.3 became D2.0)
- Completed Initial WG ballot on D2.0 on 11/3

Approximately 250 comments submitted against D2.0

~1/4 technical
~3/4 editorial

Preliminary analysis



IEEE P802.3db Short Reach Fiber

Meeting week plan

TF Plenary telecons 11/8, 11/11, 11/17

- Webex Info <https://www.ieee802.org/3/calendar.html>
- Ballot closed on 11/3, with approximately 250 comments; full analysis TBD
- If CR is not completed during the plenary, an Interim telecon series is scheduled for 11/18 & 11/23

Goals for the Plenary meeting

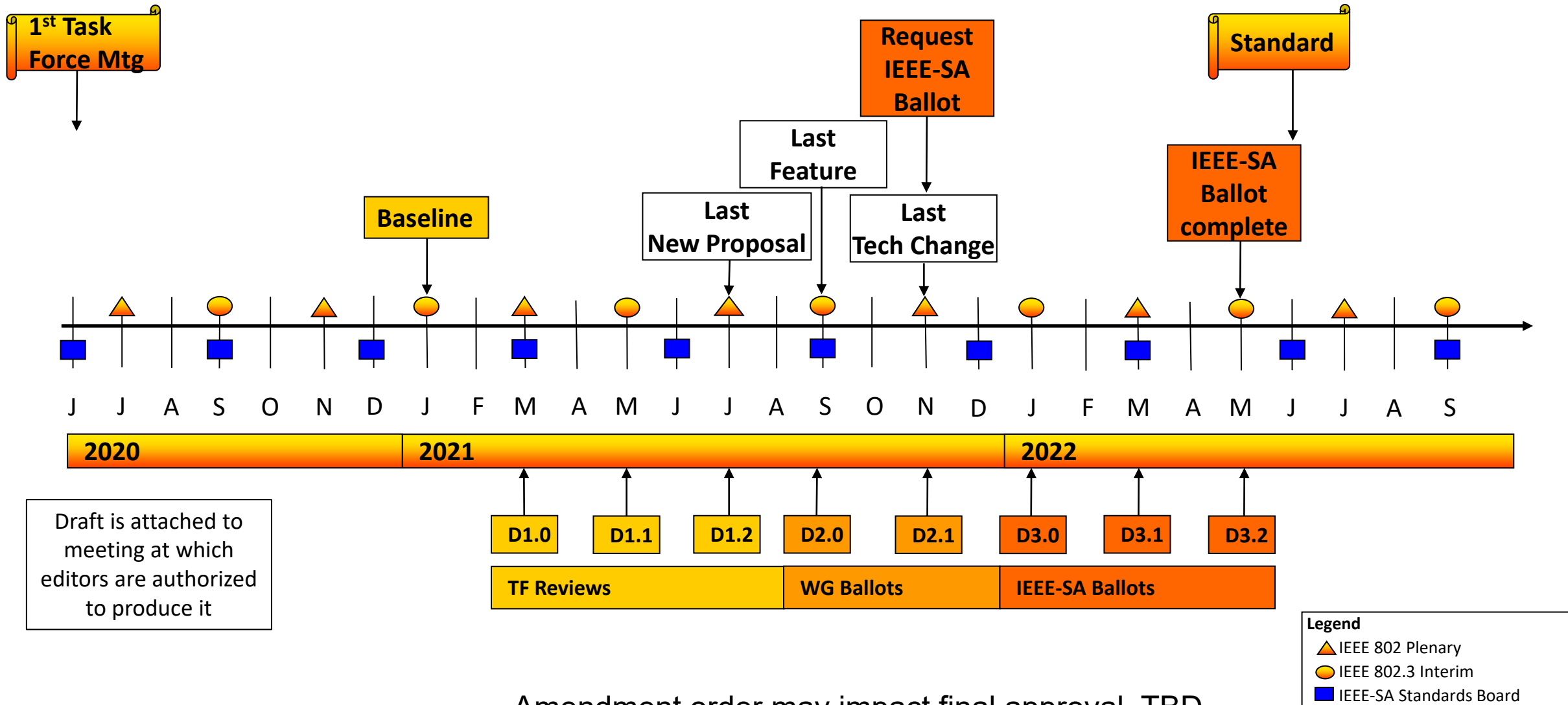
- Respond to Liaison letter from TIA TR-42
- Begin comment resolution on D2.0
- Authorize the preparation of D2.1 once complete

Big ticket items in Comment Resolution

- Should MMSE method be prescribed for optimizing Ref EQ taps, in TDECQ testing, instead of iterative method used previously in Clause 121, as a time/cost saving improvement?

IEEE P802.3db Task Force Timeline

Adopted by TF November 2020



Questions?

Thank you!