

# IEEE P802.3bu Power over Data Lines Closing Report

Dave Dwelley  
Linear Technology  
Dallas, TX  
November 12, 2015

# IEEE P802.3bu Power over Data Lines

## Project information

---

### Task Force Organization

Dave Dwelley, IEEE P802.3bu Task Force Chair

Andy Gardner, IEEE P802.3bu Task Force Editor

### Task force web and reflector information

Reflector information:

<http://www.ieee802.org/3/bu/reflector.html>

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

PAR: [http://www.ieee802.org/3/bu/P802d3bu\\_PAR.pdf](http://www.ieee802.org/3/bu/P802d3bu_PAR.pdf)

5C: [http://www.ieee802.org/3/bu/P802d3bu\\_5C.pdf](http://www.ieee802.org/3/bu/P802d3bu_5C.pdf)

Objectives: [http://www.ieee802.org/3/bu/P802d3bu\\_Objectives.pdf](http://www.ieee802.org/3/bu/P802d3bu_Objectives.pdf)

Private area: <http://ieee802.org/3/bu/private/index.html>

Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights

# IEEE P802.3bu Power over Data Lines Activity This Week

---

35 people in the room

Resolved 109 comments against D1.4

Resulted in 25 technical changes to presubmitted draft

Reviewed one presentation on 100BASE-T1 feasibility

Prepared for D2.0 submission to Working Group Ballot

# Changes to D2.0 Since Presubmission (1)

---

p31: Two MDIO registers corrected to track state machine state name changes

p35: Vpse\_oc row added to Table 104-1 to clarify startup non-overlap

p37: redundant “shalls” replaced by “is”

p40: state transition equations adjusted (two places)

p40: variable name typo corrected

p41: Detection short circuit current limit reduced from 30mA to 20mA

p42: term “constant voltage” changed to “voltage” in 4 places

p42: language in 104.3.6 streamlined

p44: broken table reference corrected

p46: corrected frame reference error

p48: removed duplicated word “returns”

p49: removed unneeded “asleep” term

p50: inserted two missing specs for clarity

# Changes to D2.0 Since Presubmission (2)

---

p50: corrected broken reference in Table 104-6

p51: added missing “continued” to table 104-6 title

p52: added missing “continued” to table 104-6 title

p52: changed item 8 parameter name for clarity

p52: corrected broken table reference

p52: added missing spec item 13

p52: corrected two state name references to track state machine changes

p52: changed two explicit values to references

p52: changed “noise” to “transients” to more accurately describe PD spec in 104.4.6.3 (5 places)

p53: change parameter name to track table 104-3

p58: adjust Sink Current value in Table 104-7 item 4

p61: insert updated PICS (one cycle delayed)

# Motion

---

- Move that the IEEE 802.3 Working Group progress the IEEE P802.3bu draft to Working Group ballot
- Moved: George Zimmerman
- Second: Steve Carlson
- Y/N/A:

# IEEE P802.3bu Power over Data Lines Plan for Next Meeting

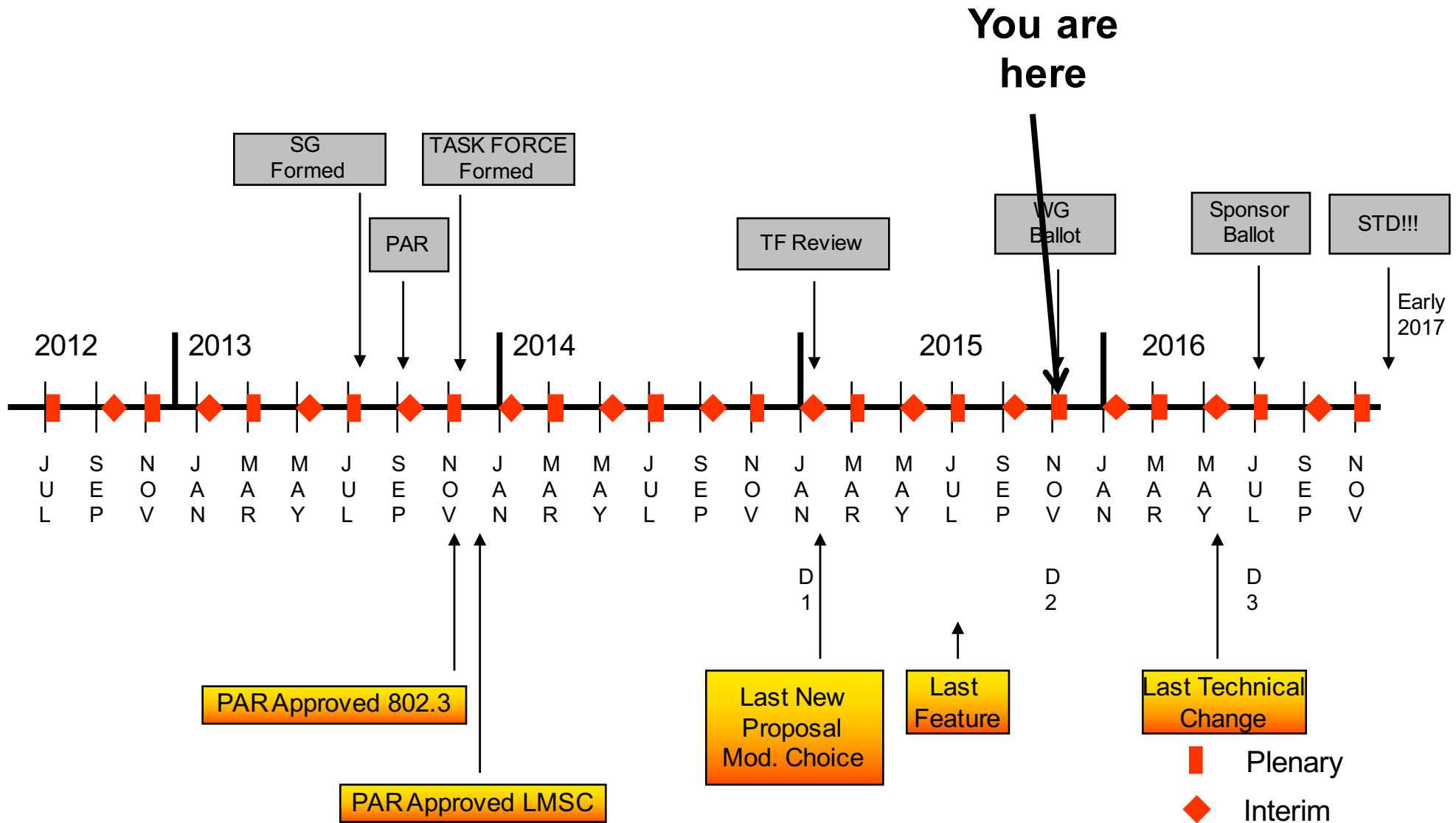
---

Resolve comments against D2.0

Prepare for D2.1 in March

# IEEE P802.3bu Power over Data Lines

## Adopted timeline





Questions?

Thank you!