802.3db Editors' Report and Comment Agenda

Earl Parsons, CommScope
Ramana Murty, Broadcom Inc.

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force

TF Interim Teleconference, July 19, 2021

Editorial Team

- Earl Parsons, CommScope, Co-editor
  - earl.parsons@commscope.com
- Ramana Murty, Broadcom, Co-editor
  - ramana.murty@broadcom.com

D1.1 Task Force Review

- Draft 1.1 opened for comments 2021 Jun 14

- Draft 1.1 closed for comments 2021 Jun 25

- Total 74 comments from 8 individuals

- Thanks to all who submitted comments

- Comments received posted 2021 Jun 20

- Proposed responses posted on 2021 Jul 16. A partial list of proposed responses was posted on 2021 Jun 30.
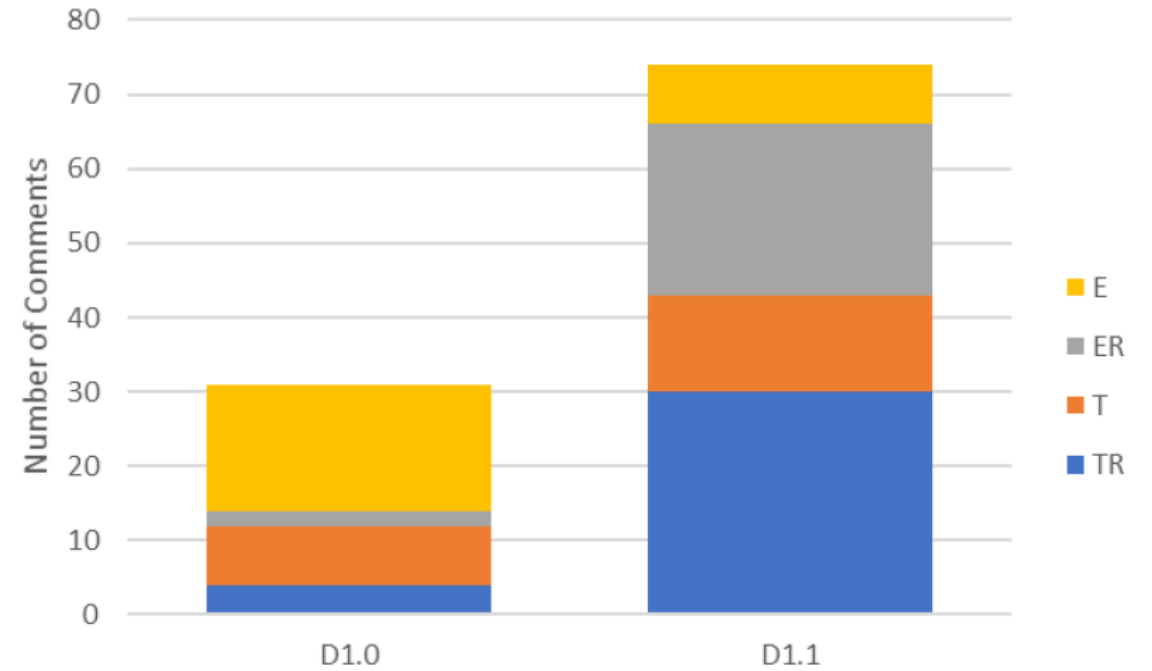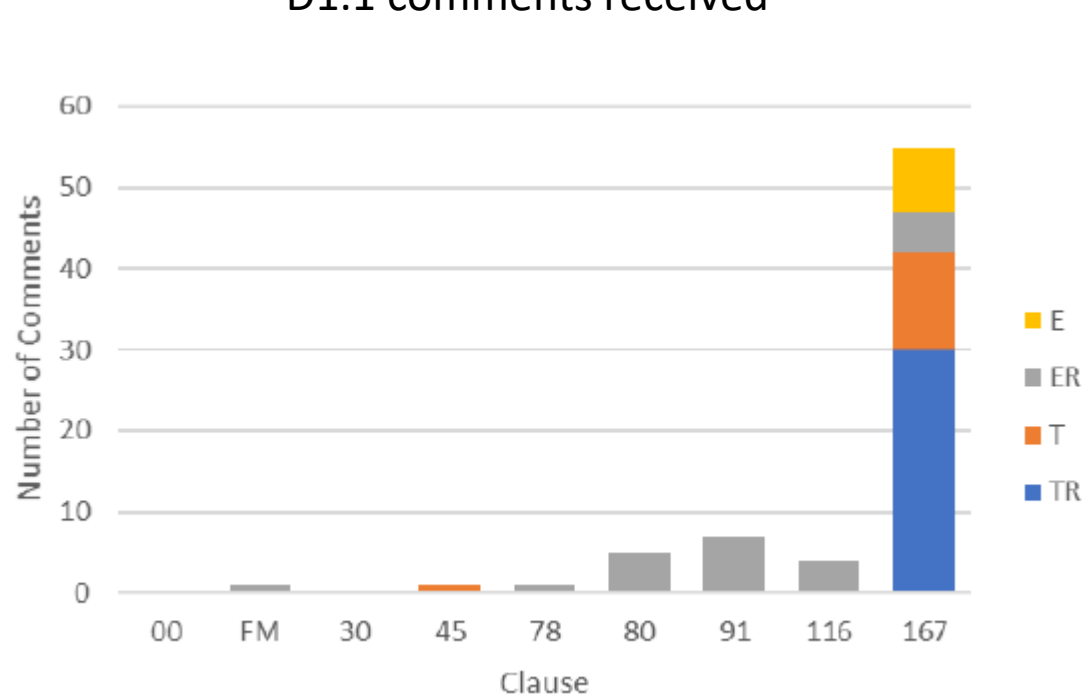
Comment Distribution

Clause	E	G	T	ER	GR	TR	Open	Closed	Total
116	0	0	0	4	0	0	4	0	4
167	8	0	12	5	0	30	49	6	55
45	0	0	1	0	0	0	1	0	1
78	0	0	0	1	0	0	1	0	1
80	0	0	0	5	0	0	5	0	5
91	0	0	0	7	0	0	7	0	7
FM	0	0	0	1	0	0	1	0	1
Total	8	0	13	23	0	30	68	6	74

Stats_by_Clause

- 39 comments in the bucket.

- 6 comments resolved at the Jul 1 meeting.

Comment Distribution by Type

D1.1 comments received

Topics

Receiver sensitivity	10, 45, 46, 47, 48, 56
Center wavelength for VR	2, 13 [lewis], 15, 65, 70
TDECQ for VR	14, 16, 63, 67
Reference equalizer for VR	64 [ali], 71
TDECQ other	3, 4, 11 [tang], 44, 72
Reference equalizer other	5, 6, 7, 60
Link budget	17, 57
Overshoot	66
MDI	74
General	1, 35, 36, 40, 43
Bucket	8, 9, 12, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 37, 38, 39, 41, 42, 49, 50, 51, 52, 53, 54, 55, 58, 59, 61, 62, 68, 69, 73

Meeting Goals Today

❑ Comments related to receiver sensitivity (10, 45, 46, 47, 48, 56) were resolved on 2021 Jul 1

❑ The VR link has TBDs that must be viewed together to make the best decision
  Considerations for VR Link and Interoperability   murty

❑ Today review comments related to
  - Center wavelength for VR   2, 13 [lewis], 15, 65, 70
  - Max TDECQ for VR   14, 16, 63, 67
  - Reference equalizer for VR   64 [ali], 71
  - Additional comments if time permits   11 [tang], 17, 57, 1, 40, 43

❑ Presentations associated with comments will be reviewed during comment resolution

❑ T and TR will be treated with the same status; no signoff required

❑ E and ER will be treated with the same status; no signoff required