

P802.3dj D1.0

Comment Resolution Agenda

Matt Brown, Alphawave, P802.3dj Editor-in-Chief

Gary Nichol, Cisco, Logic Track Lead Editor

Adee Ran, Cisco, Electrical Track Lead Editor

Tom Issenhuth, Huawei, Optical Track Lead Editor

Introduction

- ❖ This slide package provides the comment agenda for the Draft 1.0 comment resolution.
- ❖ Comment resolution order is shown in the following slides.
- ❖ The agenda is subject to change as required.
- ❖ Comments/topics that appear to be converging but require some offline consensus building might be “parked” and addressed at a later date in this CRG meeting series.
- ❖ Electrical comments/topics are likely going to require the entire 8 days to complete so for any spare time on task force days these topics will have priority.
- ❖ Parallel meetings may be running for the three tracks. Individuals are encouraged to review the topics in each track to understand if there are any conflicts.

Comment resolution

Approach to comment resolution (same as 802.3df)

The following approach will be utilized for resolving comments...

- ❖ Review the proposed response
 - Discuss and refine as needed and attempt to close without objection using **direction** straw polls, as necessary.
 - If no more than two objections (including commenter) to proposed response then consider it to be consensus and close comment.
 - If more than two objections then use **decision** straw poll(s) to move forward.
- ❖ Use of a **direction** straw poll to determine a direction
 - Use the result of the direction straw poll(s) to determine consensus, refine the proposed response, or to craft a decision straw poll.
- ❖ Use of a **decision** straw poll to make a final decision.
 - The decision straw poll winner is the option that has more than 50% support.
 - Close the comment based on the winner of the decision straw poll(s).
- ❖ The editorial team may provide presentations as needed to aid in the resolution of comments.
- ❖ Individuals are reminded to review “IEEE SA Balloting and Comment Resolution Process Guidelines”
<https://standards.ieee.org/wp-content/uploads/import/governance/revcom/guidelines.pdf>

IEEE P802.3dj Task Force, May 2024

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Source: https://www.ieee802.org/3/dj/public/24_05/brown_3dj_01_2405.pdf

We are here...

613 comments received
 4 withdrawn
 246 in bucket #1
 34 in bucket #2
 329 to resolve on the floor

Clause	E	G	T	ER	GR	TR	Open	Closed	Total
00	0	0	2	0	0	0	2	0	2
1	0	0	1	0	0	4	5	0	5
116	1	0	2	0	0	10	13	0	13
119	1	0	1	0	0	0	2	0	2
120	0	0	1	0	0	0	1	0	1
120F	0	0	1	0	0	0	1	0	1
169	0	0	5	0	0	15	20	0	20
170	0	0	1	0	0	0	1	0	1
171	0	0	4	0	0	0	3	1	4
174	0	0	1	0	0	1	2	0	2
174A	0	0	0	0	0	5	5	0	5
175	0	0	14	0	0	0	14	0	14
175A	0	0	1	0	0	0	1	0	1
176	13	0	29	0	0	7	49	0	49
176A	6	0	35	3	0	7	51	0	51
176D	1	0	13	0	0	17	31	0	31
176E	0	0	18	0	0	15	33	0	33
177	2	0	29	0	0	8	39	0	39
177A	0	0	1	0	0	0	1	0	1
178	1	0	13	0	0	84	98	0	98
178A	0	0	8	0	0	3	11	0	11
179	0	0	21	0	0	28	49	0	49
179A	2	0	5	0	0	2	9	0	9
179B	2	0	3	0	0	2	7	0	7
179C	1	0	4	0	0	1	6	0	6
180	0	0	19	1	0	3	23	0	23
181	0	0	13	0	0	6	19	0	19
182	0	0	17	0	0	6	23	0	23
183	0	0	15	0	0	6	21	0	21
184	1	0	29	0	0	5	35	0	35
185	0	0	8	0	0	6	11	3	14
186	0	0	2	0	0	0	2	0	2
187	0	0	7	0	0	0	7	0	7
30	0	0	2	0	0	1	3	0	3
90A	0	0	2	0	0	0	2	0	2
93B	0	0	0	0	0	1	1	0	1
Total	31	0	332	4	0	246	609	4	613

Comment resolution sequence

Meeting # and Date	Topic
Monday June 3	Task force session (single meeting) Common topics
Tuesday June 4	Tracks: Logic, Electrical, Optical (three parallel meetings)
Wednesday June 5	Tracks: Logic, Electrical, Optical (three parallel meetings)
Thursday June 6	Task force session (single meeting) Motion to adopt responses to bucket and editorial comments. Common topics. Electrical topics. (time permitting)
Monday June 10	Tracks: Logic, Electrical, Optical (three parallel meetings)
Tuesday June 11	Tracks: Logic, Electrical, Optical (three parallel meetings)
Wednesday June 12	Tracks: Logic, Electrical, Optical (three parallel meetings)
Thursday June 13	Task force session. (single meeting) Any remaining comments. Closing business

Common (task force)

Clause	Topic	Comments
Many	AUI generations	581
174	1.6T list of interface widths	480
116, 182	FR1 PHY	311
176, 177, 180-182	Precoding	[21 , 446, 445, 540, 541], [547 , 582, 447, 448, 85]
178, 174A	BER/FLR	[205 , 490, 494, 492, 206], 246
177	Inner FEC coding gain	22
116, 176, 177	Skew	531, 181, 182, brown_03
180	Jitter	519, 520 *moved from optical track*
185	Test pattern	374 *moved from optical track*
The topics below may be deferred until Thursday June 6 or later (task force or electrical track if optical/logic tracks not meeting). Will be announced at task force meeting or on reflector.		
176A+	ILT terminology	496
73, 116	ILT Service Interface, RTS	194, 195
176A	ILT Coefficients, Diagrams	[457 , 458], 500, 550, [569, 570], 575
176A	ILT Frame, Pattern	[358 , 61, 200, 496, 497, 548], 562, 498
176A	ILT General	577
<i>Note that comment resolution order may be readjusted.</i>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation

Electrical track #1

Clause	Topic	Comments
Many	Many	dawe_3dj_01_2406
178, 179, 176D, 176E	BT filter bandwidth	178: <u>60</u> , 230, 399,32, 245 179: 124, 225, 388, 410, 412, 217 176D: 425, 422 176E: 133, 131
178, 179, 179B	ERL/dERL	178: 28, <u>29</u> , 43, 237, 238, 239, 240, 241, [231, 244], 252 179: 48, 51 179B: 58
179/176E	ERL Tfx	179: <u>227</u> , 218, 219 176E: 220, 221
178, 179, 176D, 179A	COM	178: [33, <u>250</u> , 402, 253], [249, 400] 179: [50, 413], [49, 411] 176D: 430, 427 179A: 57
176E, 178, 179A	Channel ILdd	176E: 73, <u>130</u> 178: [34, 251] 179A: 524, 585
178A	DER0, MLSD	<u>362</u> , 287, 286, 211, 212, 285
<i>Note that comment resolution order may be readjusted.</i>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation, **Topic** = editorial slides

Electrical track #2

Clause	Topic	Comments
178, 179	Reference impedance, COM R_d	178: 395 , [396, 397, 255, 256] 179: 387, [391, 392] 176D: 141 176E: 137
178, 179, 176D, 176E	COM R_0	178: 35 , [254, 403] 179: 52, 414 176D: 141, 431 176E: 136, 438
178, 179, 176D, 176E	COM Rx FFE length parameters	178: [274 , 275, 276, 277, 278], 42, 71 179: 54, 70 176D: 504, 144 176E: 72, 140 lusted_3dj_07_2405 (also for eta0), lusted_3dj_01a_2406
178, 179, 176D, 176E	COM eta0	178: 269 , 408, 71 179: 419, 70 176D: [504, heck_3dj_01b_2405], 143 176E: 72
178, 176D, 176E	COM CTLE parameters	178: 263, 264, 265, 266 176D: 433 176E: 440

Note that comment resolution order may be readjusted.

Legend: [##,##,##] = related comments, [##](#) = pivot comment, [##,##,author_nn] = related presentation, **Topic** = editorial slides

Electrical track #3

Clause	Topic	Comments
178, 179, 176D, 176E	COM Tx FFE	178: <u>37</u> , [258, 259, 260, 261, 262], 405 179: 416 176D: 142 176E: 138
178, 179, 176D, 176E	COM Rx FFE coefficient limits	178: [<u>279</u> , 280, 281, 282, 283, 284 lim_3dj_01_2405], 42, 71 179: 54, 70 176D: [504 heck_3dj_01b_2405], 144 176E: 72, 140
178, 179, 176D, 176E	COM T_r	178: 268, 407 179: <u>39</u> , 418 176D: 435 176E: 441
178, 179, 176D, 176E	COM f_r	178: <u>36</u> , 257, 404 179: 53, 415 176D: 432 176E: 439
178, 178, 176D, 176E	TX Jitter	178: [<u>236</u> , 271, 272] 178, 178, 176D, 176E: [204 ran_3dj_03_2405]
<i>Note that comment resolution order may be readjusted.</i>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation, **Topic** = editorial slides

Electrical track #4

Clause	Topic	Comments
178, 179	TX SNDR/SCMR/SNR_TX	178: <u>27</u> , 31, 41, 270 179: 45, 47
178, 179, 176D	COM voltage	<u>38</u> , 267, 406, 417, 434
178	Tx RLcc	242
	COM methodology	215, 359, 360, 421, 437, 443
179A	HCb + MCB	586
	Linear fit	30, 243, 44, 46, 444
	Assorted COM parameters	42, 71, 54, 70, 143, 504, 72
178, 179, 176D, 176E	R_LM	<u>273</u> , 409, 420, 436, 442
178	TX FFE	233, <u>234</u> , 235, 288
178	TX RLcc	232
179	TX SNR_ISI	226
178, 179	RX ITOL/JTOL	247, 248, 177
176E	C2M Input	[<u>188</u> , 189]
176E	C2M Output	65, 132, 139, [<u>186</u> , 187, 203], 365, 522
<i>Note that comment resolution order may be readjusted.</i>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation, **Topic** = editorial slides

Optical track #1

Clause	Topic	Comments
	TX specifications	180: 326 181: 6, 8, [<u>162</u> , 327] 182: 328 183: 7, 9, [<u>12</u> , 503], [<u>164</u> , 329], 166 185: [380, 381], 578, 579 187: [109, 110]
	RX specifications	180: 517 181: 10, 163 183: 11, [165, 167] 185: 580 187: 117
	Optical channel specifications	[207, 208] [116, 383, 517, 173] [<u>335</u> , 336, 337] 183: [125, 126] 185: 382
	Power budget	[<u>128</u> , 169, 171, 172] 180: [<u>127</u> , 170] 181: 161, 173 183: [<u>502</u> , 168]
<i>Note that comment resolution order may be readjusted.</i>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation

Optical track #2

Clause	Topic	Comments
	Delay	[114, 115]
	RIN-OMA	[<u>518</u> , 13, 14, 15, 16]
	TDECQ	[<u>324</u> , 325] [<u>17</u> , 18, 19, 20] 1
	TQM	185: 384
	Connector labeling	[<u>590</u> , 592, 587, 588, 589, 591]
	IEC revision	[<u>338</u> , 344, 346] [<u>342</u> , 350] [<u>339</u> , 340, 341, 343, 345, 347, 348, 349, 351, 352, 353, 354, 355] [<u>335</u> , 336, 337]
<i>Note that comment resolution order may be readjusted.</i>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation

Logic track

Clause	Topic	Comments
171	Link fault signaling	385
175	FEC error counters	468
176	Test vectors (SM-PMA)	[298, loewenthal_3dj_01_2406]
177	Inner FEC sync	505
184	Algorithm	[613, 97]
184	Diagrams	[372, 373], [307, 560]
176	Subclause reorganization (SM-PMA)	[80, 485, 486, 487, 538]
176	Deskew (200GbE/400GbE)	[386, 367, 594, 596, 598, shrikhande_3dj_01_2406]
175	timesync	332
184	reorder	92
184	Algorithm	94, 96, 99, 100
<p><i>Note that comment resolution order may be readjusted.</i></p> <p>blue highlight = pull from bucket #1</p>		

Legend: [##,##,##] = related comments, ## = pivot comment, [##,##,author_nn] = related presentation

Buckets

Bucket #1 (low-controversy T/TR) comments are listed in the following comment report:

https://www.ieee802.org/3/dj/comments/D1p0/8023dj_D1p0_comments_proposed_bucket1_v2.pdf

The following comments were pulled from bucket #1 (so far):

149, 152, 510, 78, 321, 332, 62, 64, 523, 452, 511, 512, 513, 514, 515, 390, 92, 94, 96, 99, 100, 307

Bucket #2 (E/ER) comments are listed in the following comment report:

https://www.ieee802.org/3/dj/comments/D1p0/8023dj_D1p0_comments_proposed_bucket2_v2.pdf

No pulls from the bucket will be possible.

Withdrawn

The following comments were withdrawn (so far):
462, 578, 579, 580, 606, 607