

“Rewrite” Bucket

IEEE P802.3cw Task Force
IEEE 802.3 Oct 2022 Session

John D’Ambrosia, Futurewei, U.S. Subsidiary of Huawei
Gary Nicholl, Cisco

Introduction

- It was suggested during task force consideration of https://www.ieee802.org/3/cw/public/22_10/dambrosia_3cw_01b_221018.pdf that comments on pages 8 – 14 of that presentation be considered the “Rewrite” Bucket.
- During comment consideration on 18 Oct 2022 additional comments were added to “Rewrite” bucket
- This bucket is different than the “bucket” identified on Page 9 of https://www.ieee802.org/3/cw/public/22_10/issenhuth_3cw_01_221018.pdf (Referred to as “general”)
- The following pages is the updated “Rewrite” bucket.
- (Note – errors noted on initial Pages 8 – 14 of dambrosia_3cw_01b_221018.pdf have been corrected).

Clause 155 TR / T / ER Comments

155.1.1	126	Descriptive text of PCS / PMA
155.1.2	181	
155.1.3	128, 129	
155.1.4	42	PCS Lane Rate
155.1.4.2	185, 187	
155.1.5	427, 130	PCS / PMA Functional Diagram
155.2.1	202, 20, 190, 433, 434, 46, 28, 438, 29, 188, 16, 131	PMA Service Interface, FEC Description, PCS Lanes
155.2.4	132, 225	Frames
155.2.4.1	203	Frames / blocks
155.2.4.3	226, 392, 204, 50, 227, 394, 205, 229, 150, 445, 52, 444	Frames / blocks, PCS Payload, GMP Mapping
155.2.4.4	206	GMP Mapping
155.2.4.5	397	ZR frame
155.2.4.5.1	58, 448	GMP, frame
155.2.4.5.2	390, 230, 450, 61, 232, 389, 449, 452	
155.2.4.5.3	62, 453, 57	
155.2.4.5.4	247	
155.2.4.6	248, 249, 454, 455	400GBASE-ZR Frame
155.2.4.7	251, 253, 254, 388	400GBASE-ZR Frame
155.2.4.8	391	

Clause 155 TR / T / ER Comments

155.2.4.9	65, 460, 461, 459, 458, 31, 66, 399	
155.2.4.10	67, 462, 68, 256, 208	
155.2.4.11	257, 69, 258, 464, 463	
155.2.4.12	259	
155.2.5.1	466, 467	
155.2.5.5	70, 401, 408	
155.2.5.6	470, 402	
155.2.5.7	403, 211	
155.2.5.7.1	395	
155.2.5.7.2	476, 74, 474	
155.2.5.8	18	
155.2.5.10	477	
155.3.1	135	
155.3.1.1	478	
155.3.1.3	75, 479, 480, 345	
155.3.2	263, 76, 265, 267, 77, 269	
155.3.3	234, 235, 483	
155.3.3.1	78, 484, 80, 342, 81, 238, 239, 240, 215, 216, 236, 237	
155.3.3.2	238, 239, 240, 215, 216	
155.3.3.3	241, 242, 243, 244, 245, 270, 271	
155.3.3.3.3	82, 272, 273	
155.3.3.4	277, 138	

Clause 155 TR / T / ER Comments

155.3.3.4.1	83, 139	
155.3.3.5	341, 343, 84	
155.3.3.6	85	
155.3.3.8	87	
155.4.2.1	280, 281, 140, 283, 284, 285, 405, 141, 142, 287, 288, 13, 289, 290, 143, 349, 409	
155.4.2.2	292	
155.4.2.4	286, 14, 295, 296, 217, 297, 298, 299, 300, 301, 305, 306, 308	
155.5.1	144, 490, 145, 406, 407, 147, 312, 194, 146	
155.7.4.1	346	

Clause 155 "E" Comments not in "General" Bucket

155.1.2	181	
155.1.4	182, 424, 425	
155.1.5	10, 428, 429, 338	
155.2.1	43, 44, 430, 439, 224, 48, 437	
155.2.4.3	440, 49, 228, 443, 446, 51, 53, 54, 55	
155.2.4.4.1	387	
155.2.4.5	56	
155.2.4.5.1	189	
155.2.4.5.2	231, 60, 451, 61, 246	
155.2.4.5.3	17, 207, 348	
155.2.4.6	63, 64	
155.2.4.7	252, 400	

Clause 155 "E" Comments not in "General" Bucket

155.2.4.10	255	
155.2.4.12	133	
155.2.5.1	260	
155.2.5.3	384	
155.2.5.5	469, 71	
155.2.5.7	134, 73, 261, 72	
155.2.5.7.1	473, 472, 475, 212	
155.2.5.8	19	
155.3.1.1	262	
155.3.1.3	344	
155.3.2	264, 266, 15, 12, 385, 268, 233, 213, 482	
155.3.3.3	137	
155.3.3.3.1	485	
155.3.3.3.3	274, 275, 486, 487, 276, 191	
155.4.2	88	
155.4.2.1	291	
155.4.2.3	293	
155.4.2.4	294, 89, 303, 304, 307	
155.5	488, 310, 311, 489	
155.5.1	33, 491	

Clause 156 comments

General Description	Comment ID	Related Subclause
Skew Constraints	98, 99, 193, 317, 498	156.3.2
PMD Clause	315, 92, 94, 96, 316, 321, 108, 109, 581, 290, 296,	156

Proposed Responses for comments in “Rewrite” Bucket

■ Comment #346

AIP

With editorial license, restructure and clarify Clause 155 and 156 as appropriate:

- **To identify interoperability requirements using “SHALL” statements, as needed.**
- **To address issues noted in https://www.ieee802.org/3/cw/public/22_10/dambrosia_3cw_01b_221018.pdf**

■ All Other Comments

AIP

See remedy for Comment #346