

Chief Editor's opening report and comment resolution agenda

Tom Issenhuth, Huawei, P802.3ct Chief Editor

IEEE P802.3ct Task Force, 9 July 2020 Interim Teleconference Meeting

Editorial team

Tom Issenhuth, Huawei

- Chief Editor and Editor for Clauses 00, 1, 30, 45, 78, 80, 82, Annex A

Steve Trowbridge, Nokia

- Editor for Clauses 152, 153, Annex 83C, Annex 135A

Peter Stassar, Huawei

- Editor for Clause 154

Status

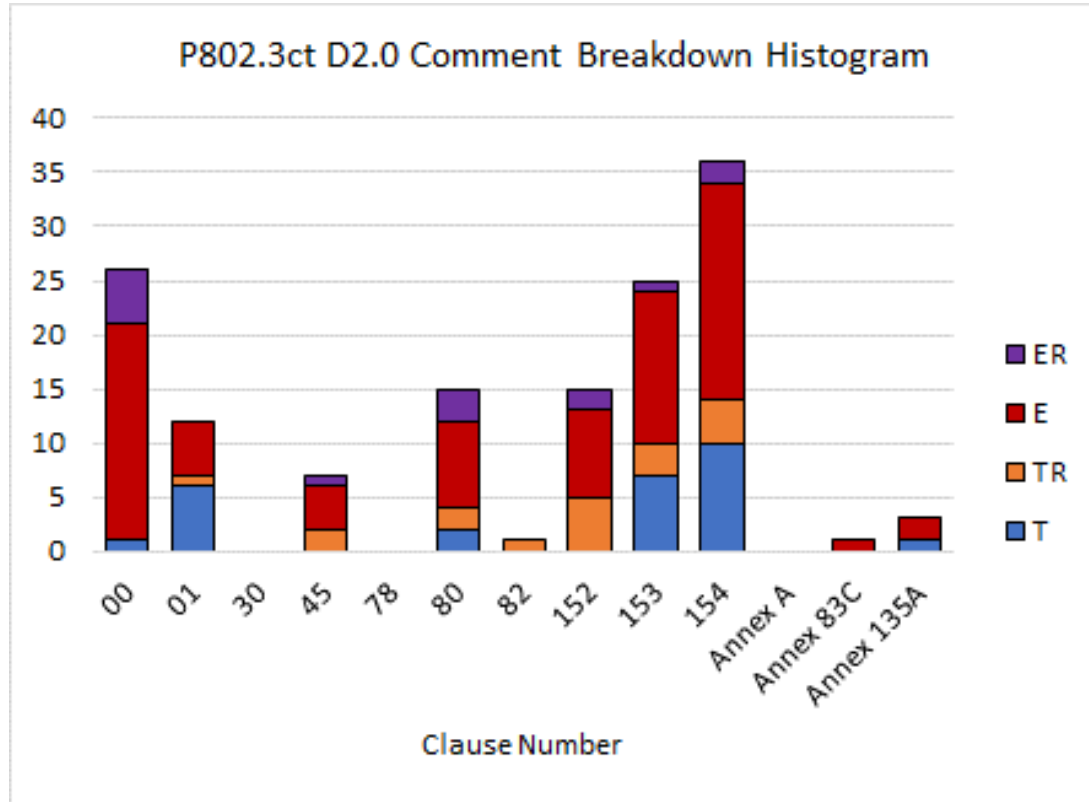
P802.3ct D2.0 working group review

- Opened on May 21, 2020, closed on June 20, 2020
- 30 day comment period
- Thanks to all those that commented
- Proposed responses posted

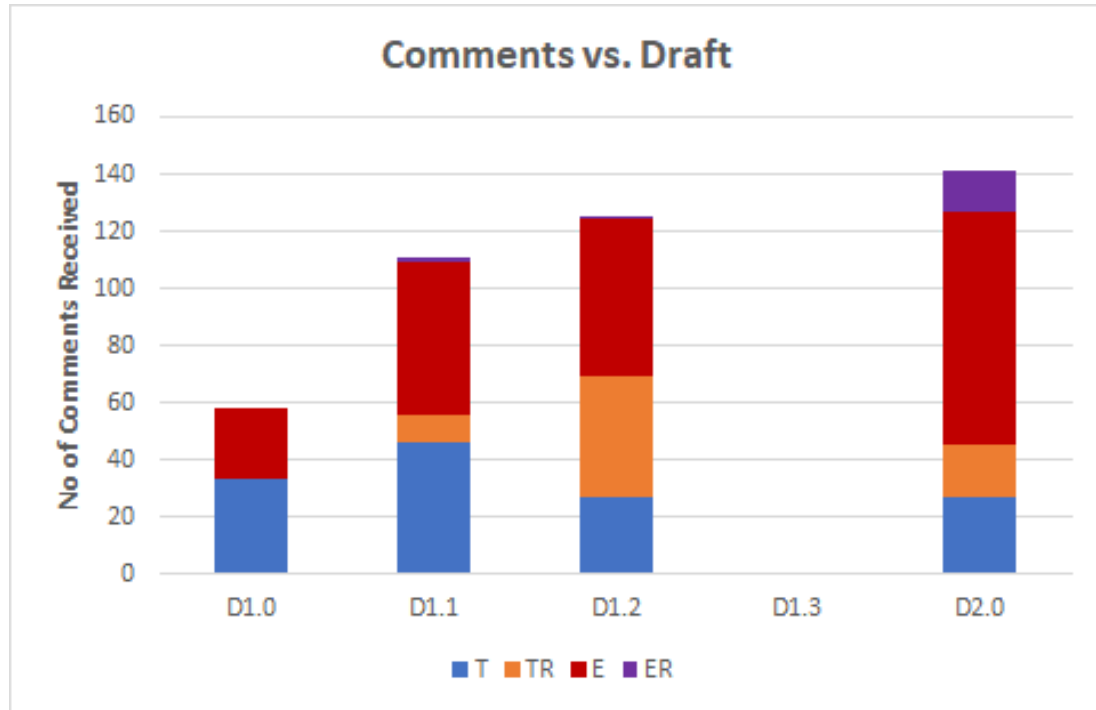
| | D2.0 | | |
|------------|------|-----|--------|
| Voters | 195 | | |
| Approve | 84 | 89% | >= 75% |
| Disapprove | 10 | | |
| Abstain | 10 | 9% | < 30% |
| Returns | 104 | 53% | > 50% |

| Description | Clause | TR | T | ER | E | Total |
|---------------------|------------|----|----|----|----|-------|
| Front Matter | 0 | | 1 | | 20 | 21 |
| Introduction | 1 | 1 | 6 | 5 | 5 | 17 |
| Mgmt | 45 | 2 | | 1 | 4 | 7 |
| Introduction 40/100 | 80 | 2 | 2 | 3 | 8 | 15 |
| PCS | 82 | 1 | | | | 1 |
| Inverse RS-FEC | 152 | 5 | | 2 | 8 | 15 |
| 100GBASE-ZR PMA | 153 | 3 | 7 | 1 | 14 | 25 |
| 100GBASE-ZR PMD | 154 | 4 | 10 | 2 | 20 | 36 |
| Annex | A/83C/135A | | 1 | | 3 | 4 |
| Total Comments | | 18 | 27 | 14 | 82 | 141 |

Comment Distribution



Comment History



Clause Comments

| Topic | Clause | Comment # | Count |
|------------------|-----------|---|-------|
| Front Matter | FM | 63 | 1 |
| Introduction | 1 | [61, 84], 81, 83, [85, 131, 132, 133], [93, 130], [137, 138] 139 | 13 |
| MDIO | 45 | 4, 5 | 2 |
| 40/100Gb Intro | 80 | [15, 40, 76, 86], 44, 57, 66, 87, 90 | 9 |
| PCS | 82 | 88 | 1 |
| Inverse RS-FEC | 152 | 26, 27, 67, 89, 91 | 5 |
| SC-FEC | 153 | 30, 31, 56, 59, 102, 116, 117, 118, 122, 123 | 10 |
| Optical Channels | 154 | 12, 68, 69, 79, 80, 92, 94, 95, 96, 97, 104, 105 106, 108, 109, 110, 111, 140, 141 | 19 |
| Annexes | 83C, 135A | 126, 134, 127 | 3 |

Bucket Comments

| C/A | Comment # | Count |
|----------------|---|-------|
| FM | 1, 2, 7, 8, 9, 18, 19, 20, 21, 22, 35, 36, 37, 38, 62, 65 70, 71, 72, 73, 74 | 21 |
| 1 | 3, 75, 101, 129 | 4 |
| 45 | 6, 32, 39, 64 | 4 |
| 80 | 10, 41, 42, 43, 58, 77 | 6 |
| 152 | 11, 25, 28, 29, 33, 34, 45, 46, 114, 119 | 10 |
| 153 | 47, 48, 49, 50, 51, 52, 53, 54, 103, 112, 113, 115 120, 121, 124 | 15 |
| 154 | 13, 14, 16, 17, 23, 24, 55, 60, 78, 98, 99, 100, 107, 128, 135, 136 | 16 |
| Annex 83C/135A | 125 | 1 |

Withdrawn Comments

| C/A | Comment # | Count |
|-----|-----------|-------|
| 154 | 82 | |

Note: All comments withdrawn during comment resolution so were considered as resolved during that meeting.

Comment Resolution Process

- Resolve comments against Draft 2.0
 - Any presentations associated with comments will be reviewed during comment resolution session.
 - TRs and ERs require signoff as to whether commenter is satisfied
- If there is no disagreement on the final proposed response the comment will be closed as proposed.
- If there is disagreement, a straw poll on the area of concern will be taken and the majority position will decide the final response.
 - The commenter is not allowed to disagree.
 - If the straw poll contains more than 2 choices, the choice with the lowest number of supporters will be removed. This process will continue until there are only 2 choices.

Comment Resolution Process

- The order in which the comments are reviewed on a given call are subject to change
- Comments bracketed together with [] cover a common topic
- Where a comment number is colored orange it contains the proposed response for the group of comments
- Comments with underline (e.g., 59) have associated hyperlinked presentations

Comment Resolution Process (.3ck,.3cu,.3ct)

- Baseline Terminology
 - “Open” comments – comments that Task Force have not agreed upon a remedy
 - “Closed” comments – comments that Task Force have agreed upon a remedy
 - “Final” comments – Task Force has approved motion to adopt the responses to the closed comments
- Post updated comment database after each meeting
 - Allow individuals (other than commenter) two business days (AoE) to request on the reflector reconsideration of a “Closed” comment from the prior meeting
 - Individual needs to be present at next meeting to address
 - Normal procedures within the group will apply to determine if comment will be re-opened
- After all comments closed – normal procedures to adopt responses and generate next draft will be followed
 - Comments can not be re-opened after meeting where responses are adopted by TF

Note about Comment Resolutions Going Forward

- Consensus building will be key
 - Rule #1 – Use the Reflector
 - Rule #2 – See Rule #1
- Reference: IEEE SA Balloting and Comment Resolution Process Guidelines (<https://standards.ieee.org/content/dam/ieee-standards/standards/web/governance/revcom/guidelines.pdf>)
 - Multiple reasons possible for rejecting comment given –
 - a statement that the CRG could not reach consensus on the changes necessary to address the comment;

Order of Comments

- Terminology (breakdown on slide 14)
- Remaining early clauses (Front Matter, Introduction, MDIO, 40/100Gbs Intro, PCS)
- FEC (Inverse RS-FEC, SC-FEC)
- Optical – Signal Detect
- Optical - remaining parameters (Optical channels)
- Annexes

- Notes:
 - We intend to use the full time for each meeting addressing the comment topics in the order listed above. Any comments for a topic not closed will be addressed at the next meeting.
 - One exception will be Optical – Signal detect which will be addressed at the start the July 16th meeting to ensure sufficient time

Meeting Schedule

- July 2nd
 - 3 comments resolved and 1 comment withdrawn
- July 9th
 - Consideration of comments
- July 16th
 - Consideration of comments starting with optical signal detect
 - Any requests to remove comments from the bucket must be submitted by end of day AOE.
- July 30th
 - Consideration of comments
 - Approval of comment responses and generation of D2.1 pending progress of comment consideration
- August 6th
 - Consideration of comments if required
 - Approval of comment responses and generation of D2.1 pending progress of comment consideration
- August 13th
 - Consideration of comments if required
 - Approval of comment responses and generation of D2.1 pending progress of comment consideration

Comment Resolution – July 2

- Resolve the following comments

| Topic | Clause | Comment # | Count |
|------------------|-----------|---|-------|
| Front Matter | FM | 63 | 1 |
| Introduction | 1 | [61, 84], 81, 83, [85, 131, 132, 132], [93, 130], 137, 138 139 | 13 |
| MDIO | 45 | 4, 5 | 2 |
| 40/100Gb Intro | 80 | [15, 40, 76, 86], 44, 57, 66, 87, 90 | 9 |
| PCS | 82 | 88 | 1 |
| Inverse RS-FEC | 152 | 26, 27, 67, 89, 91 | 5 |
| SC-FEC | 153 | 30, 31, 56, 59, 102, 116, 117, 118, 122, 123 | 10 |
| Optical Channels | 154 | 12, 68, 69, 79, 80, 82, 92, 94, 95, 96, 97, 104, 105 106, 108, 109, 110, 111, 140, 141 | 20 |
| Annexes | 83C, 135A | 126, 134, 127 | 3 |

| Topic | Comment # | Count |
|-------------|-------------------|-------|
| Coherent | 63, 81, 82, 139 | 4 |
| Black Link | 83 | 1 |
| WDM | 137, 138 | 2 |
| DWDM | 61, 84, 96, 97 | 4 |
| DWDM System | 130, 93 | 2 |
| SOP | 85, 131, 132, 133 | 4 |
| IFEC | 5 | 1 |
| ZR PHY | 87, 92 | 2 |

Comment Resolution – July 9

- Resolve the following comments
 - 1 presentation in support of comment 83

| Topic | Clause | Comment # | Count |
|------------------|-----------|--|-------|
| Front Matter | FM | 63 | 1 |
| Introduction | 1 | [61, 84], 81, 83 , [85, 131, 132, 132], [93, 130], 137, 138 139 | 13 |
| MDIO | 45 | 4, 5 | 2 |
| 40/100Gb Intro | 80 | [15, 40, 76, 86], 44, 57, 66, 87 , 90 | 9 |
| PCS | 82 | 88 | 1 |
| Inverse RS-FEC | 152 | 26, 27, 67, 89, 91 | 5 |
| SC-FEC | 153 | 30, 31, 56, 59, 102, 116, 117, 118, 122, 123 | 10 |
| Optical Channels | 154 | 12, 68, 69, 79, 80, 82, 92 , 94, 95, 96, 97 , 104, 105 106, 108, 109, 110, 111, 140, 141 | 20 |
| Annexes | 83C, 135A | 126, 134, 127 | 3 |

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| Coherent | 63, 81, 82, 139 | 4 |
| Black Link | 83 | 1 |
| WDM | 137, 138 | 2 |
| DWDM | 61, 84, 96, 97 | 4 |
| DWDM System | 130, 93 | 2 |
| SOP | 85, 131, 132, 133 | 4 |
| IFEC | 5 | 1 |
| ZR PHY | 87, 92 | 2 |

Thanks!