

Closing Chief Editor's Report P802.3cg draft 1.2

Valerie Maguire
IEEE P802.3cg, Chief Editor

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Draft 1.2 Comment Review Summary

- 314 comments reviewed and resolved
- Generate draft 1.3 for Task Force recirculation from draft 1.2 and the closed comments and pre-submit draft 1.3 to IEEE 802.3 in anticipation of requesting WG Ballot in July, 2018 (MOTION)
- Instruct Editors to implement PICs as needed throughout draft 1.3 prior to Task Force review (MOTION)

Are we ready for Working Group ballot?

- **Is the draft technically complete?**
 - ✓ Define a multi-drop PHY using Clause 4 half-duplex operation supporting up to a 25m mixing segment
 - ✓ Define termination and characteristics of mixing segments and their PMD and PMA electricals
 - ✓ Investigate register structure and consider how multi-drop and intra-system use cases impact register space
 - ✓ Consider MDI specification in different environments and point-to-point and multi-drop operation
 - ✓ Investigate 10BASE-T1S PSD mask to meet EMC / EMI

Are we ready for Working Group ballot?

- ✓ ALL: PLCA variable delay
- ✓ ALL: gRS / MII affects on PHY and MAC implementations
- ✓ ALL: Scrambler definitions
- ✓ ALL: Refine content related to powering as needed
 - Modifications to PoDL
 - Powering requirements for new modes and a longer/more capacitive link segment
- ✓ ALL: Refine content related to Energy Efficient Ethernet
 - Both long and short reach PHYs need optional EEE defined to allow the PHY to consume less power when no data is being sent (only idles)

The Comment Process

- Comments are the formal way to make corrections and changes to the draft
- Follow “Chad’s General Rules” and the reference material at the end of this presentation
- Annexes at the end of this report contain reference information on:
 - What do the Editors do?
 - Submitting Baseline Proposals
 - The Comment Process
 - Submitting Comments – Task Force Review
 - Style Guidelines

Timeline – Draft 1.3 WG Pre-Circ Review

- Content associated with new material accepted through comment resolution to be provided to Editors by **MAY 25th**
- Editors' comment implementation tasks to be completed by **JUNE 6th**
- Draft posted for review by **JUNE 7th**
 - Send comments to: george@cmephyconsulting.com and valerie_maguire@siemon.com
- Task Force review to end **JUNE 17th (AOE)**
- Comment database with proposed resolutions ready for circulation by **JUNE 27th**



Questions?

Thank you!

Valerie Maguire
valerie_maguire@siemon.com

Annex: What do the Editors do?

- Editors' responsibilities:
 - Consolidate all approved baselines into the draft
 - Ensure style and format of the draft is consistent with the official IEEE Style Manual (current version: 2014)
 - Make sure text is grammatically correct
- Editors DO NOT:
 - Create text of draft based on bullets from PowerPoint presentations
 - Fill in missing technical details from baselines (any TBDs from baselines will be included in the draft as well)
 - Rewrite or develop text based on proposals

Annex: Submitting Baseline Proposals

- Provide Editors with complete baseline materials
 - Editable files in Word or FrameMaker formats shall including all the necessary text, figures, drawings, code, etc.
 - Text formats: Word (.doc(x)), FrameMaker 10 (.fm or .mif)
 - Table data: Excel .xml(x)
 - Drawings / figures: FrameMaker 10 (.fm or .mif) or Visio (.vsd) for simple content copying
- Include all descriptive text
- Ensure that there are no missing technical features or technical conflicts between baselines

Annex: Comment Process

- Comments are the formal way to make corrections and changes to the draft
- “Chad’s General Rules” to make comments easier to read (thus easier to resolve):
 - DO copy the text you are commenting against and paste into the comment. This helps immensely if you have a typo in the page or line number.
 - DO cover only one topic per comment. File multiple comments for multiple concepts in the same page/line.
 - DO NOT make a comment and leave the suggested remedy empty. If you know it is a problem, you have an idea of the answer. Share this with the group.
 - DO make crisp comments, minimize 'stream of consciousness' style of writing. Present the facts and the solution.”

Annex: Comment Process, cont.

- Please don't give half sentences or assume the editor knows what you mean in all but the simplest circumstances
 - For example, instead of saying “fix the typo above”, you should say, “change ‘half sentences’ to ‘half sentences’ on line x of page y”.
- DO NOT use revision markings (e.g., strikethroughs and hyphens) to show changes when using the “comment entry spreadsheet” tool – these marks do not transfer to the Access database

Annex: Submitting Comments – TF Review

- Here is a useful helpful overview of the comment tool:
http://www.ieee802.org/3/bt/public/nov14/diab_01_0512.pdf
 - Note that the “R” designation really doesn’t have much meaning in task force review, only to underscore how important you think the comment is
- See “Chad’s Rules for Making Comments” for some common sense tips:
<http://www.ieee802.org/3/bt/public/nov14/Rules%20for%20making%20comments.txt>

Annex: Style Guidelines

- Clause 18.2 “Amendments and corrigenda” of the 2014 IEEE-SA Style Manual provides explicit instructions on how to change the text in an existing base standard or an existing amendment
- Refer to [Maguire_3cg_02_0717.pdf](#) for editing examples