

802.3bq Editors Report

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Status

- Draft 1.1 went out for ballot 22 November 2014
 - With noted errata in numbering, fixed in 1.1.1
- Draft 1.1.1 went out for ballot 25 November 2014
 - Thanks to hard work by your Editorial team:
 - Chris Diminico, Curtis Donahue, Jim Graba, Valerie Maguire, & George Zimmerman
- 36 Received Comments from 7 individuals
 - (down from 129 from 9)
 - 15 E or ER: 6 Editorial, 9 Editorial Required
 - 21 T or TR: 17 Technical, 4 Technical Required
 - 3 from the editor, due to editorial oversights or PICs changes
- We're moving from Clause 98...

Summary by Clause

- 1 on Autoneg
 - Clause 28 & Annex comments from d1.0
- 1 on Clause 55 (typo)
- 5 General (updates to Cl 80 & 81, renumbering, front matter)
- 29 on Clause 98

Clause 98 Summary

- 2 on 98.1 & 98.2 – general (XLGMII)
- 7 on 98.3 – PCS (mostly RS-FEC related)
 - Presentation submitted by commenter
- 2 on 98.4 – PMA (editorial)
- 9 on 98.5 – PMA Electrical (including 7 on short reach test channel)
- 1 on 98.6 – Management Interfaces (editorial)
- 3 on 98.7 - Link segment
- 3 on 98.8 – MDI – (including 2 regarding balance measurement)
- 2 on 98.12 PICS – (these still need to be scrubbed, but these note changes to 10GBASE-T)

- Big missing item – not much action on the Common Mode Noise Rejection.

Comment Resolution Agenda

Keep it simple – run sequentially by Clause #

Preview of things to come...

- 25GBASE-T changes –
 - Little stuff:
 - Every XLGMII reference will be parallelized to map 25G
 - Several of them are dependent on whether 25G has a 32 bit (like 10G) or 64 bit (like 40G) MII
 - Frequency references need to scale
 - 15 Msymbol/sec references
 - 31 MHz non-link-segment references, 8 of which are test setups
 - Bigger stuff to think about:
 - Keep the same link segment spec
 - Keep the same MDI bandwidth & specs
 - Keep the same test bandwidths (one set of test equipment)