Logic Sub-Task Force
Opening Report

IEEE P802.3ba
Quebec City  May 2009

Mark Gustlin - Cisco
<table>
<thead>
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<th>Time</th>
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### Comments to be Covered

We will only cover the T, TRs and ERs in the logic track, the E will be resolved by the editors. If anyone wants to discuss a particular E let me know and it can be reviewed in the STF.

240 comments to cover in the sub task force (minus a few that are covered in the common time)

Comments will be covered in the order as shown in the table.

<table>
<thead>
<tr>
<th>Description</th>
<th>Clause(s)</th>
<th>Editor</th>
<th>T</th>
<th>TR</th>
<th>E</th>
<th>ER</th>
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<tbody>
<tr>
<td>Front Matter, MAC, 40G &amp; 100G Intro</td>
<td>00, 01, A, 4, 4A, 31B, 80, 99</td>
<td>Ilango Ganga</td>
<td>14</td>
<td>29</td>
<td>27</td>
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<td>RS/MII and PCS</td>
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Overall document (00):
Easy E comments related to ToC and formatting
771, 650

Front matter (99):
Easy E comments
617, 621, 618, 619, 620 & 533, 532, 99, 649

Depends on resolution in other clauses
Easy T (take up after resolution in optical track):
212, 213, 214 (depends on 195, 201, 202 in Clause 87)
215, 216 (depends on 209, 210 in Clause 88)
Front Matter continued

Clause 1
TR/ER: 534 & 536, 539 & 543 (XLAUI/CAUI definition)
TR/ER: 707,537 (PPI definition)
TR: 541, 542,545 (E: 708) (nomenclature) - Nomenclature comments in Clause 1 and Clause 80 can be reviewed together.
TR: 308, 309 (CWDM vs WDM, MMF vs OM3)

T: 677 & 678 (Multiple PMAs)
TR/ER: 540 & 544 (40/100GBASE-R definition)

Easy ER: 538, 665, 666, 668 (examples, references, abbreviations)

Easy E: 535, 290, 546, 547, 667, 230, (typos, references, abbreviations)

Clause 4 and Annex 4A
T/TR 641, 679, 548, 229 (Table footnote for IPG)

Easy E: 1, 583 (dupe 378 in Annex A) (underline, blank pages)
Clause 80
Easy E: 723, 574, 724, 367, 291, 725, 727, (typo, style, nomenclature etc.)
Easy ER: 722, 721 (list, style, delay reference to 31B)
Easy ER: 576 (Delay table formatting, see response to 275 for delays)

T/TR: 323, 219, 322 (exceptions for datapath width)
T/TR: 220, (dupe of E:291), 324 (nomenclature)
TR: 728 (empty cells in Skew table)

TR: 53, (AN delay Handled in joint session, see response to 275 for delays)

Annex A
ER: 581 (Reference to FC-PI and SFF)
Clause 30

• T’s, proposed accept – 647(TR), 645(TR), 646 (TR), 311(TR/AIP)
• + (in common – 550, 310, 549) – proposed reject
• ER – 669(AIP), 671(AIP), 627(AIP)

• E’s – bucket motion: 622, 628(ER), 629(ER), 630(ER), 631 (ER), 289(AIP), 624(AIP) – all accept
• + 651, 623 – reject
Clause 45 – Easy T’s

- Easy T’s
- 225, 681(TR), 554(TR), 315(TR), 4, 50
- 49, 3, 19, 20, 21, 22
- 23, 24, 227(TR), 682(TR), 274, 644(TR)
- 30, 25, 26, 27, 28, 31
- 32, 33, 34, 318(TR), 680, 558(TR)
- 36, 37

- Review each one briefly
Clause 45 – Review & discuss

- 551 (TR) PMA addressing (in common track)
- 559 (ER) autoneg (in common track?)
- 552, 226, 2 (all TR) backplane register structure
- 314 (TR) nomenclature
- 317 (TR), 238 (ER) re-use of registers
- 670 (ER) reproducing base text
Clause 45 – E’s

- Easy E’s – use a bucket motion:
  - 672(ER), 711(ER), 555(ER), 316(ER), 712(ER)
  - 553(ER), 673(ER), 715(ER), 716(ER), 674(ER)
  - 675(ER), 676(ER), 717(ER), 718(ER)
  - 654, 312, 652, 653, 710, 656, 657
  - 5, 6, 51, 100, 709, 102, 224, 658, 713
  - 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
  - 714, 103, 104, 105, 17, 18, 101, 655, 556, 557
  - 106, 107, 659, 660, 661, 662, 663, 35,
The comments will be covered in page order.
RS/MII/PCS (81 and 82)

MAC Delay constraints, comments #529, 275

Figure notes (Optional FEC), comments #110, 112, 109

Replace PHY with PCS, comments #41, 732

FEC Primitive, comments #487, 578

Primitive names, comments #739, 304

0x55 block type, comments #305, 744

BER SM, Functions, comments #743, 745, 750; gustlin_06_0509

Type Z block, comments #342, 328

The remaining comments to be covered in page order.
PMA (83)

PRBS Related, Comments: 240 and 57
  Presentations: dawe_0?_0509

MMD addressing, Comment: 585

AN_LINK, Comment: 58

Re-organize 83C, Comments: 584

The remaining comments to be covered in page order.
Thanks!