

Logic Sub-Task Force Opening Report

IEEE P802.3ba
Quebec City May 2009

Mark Gustlin – Cisco

Logic Sub-Task Force Schedule

	Tuesday	Wednesday
8:30	Logic	Logic
9:00		
9:30		
10:00		
10:30		
11:00		
11:30		
12:00	Lunch	Lunch
12:30	Logic	Logic
13:00		
13:30		
14:00		
14:30		
15:00		
15:30		
16:00	Dinner	Dinner
16:30		
17:00		
17:30		
18:00		
18:30	Logic	Logic
19:00		
19:30		
20:00		
20:30		

Comments to be Covered

Description	Clause(s)	Editor	T	TR	E	ER	Total
Front Matter, MAC, 40G & 100G Intro	00, 01, A, 4, 4A, 31B, 80, 99	Ilango Ganga	14	29	27	18	88
Management	30, 45	Hugh Barrass	29	22	45	24	120
Backplane related	73, 74	Arthur Marris	3	18	3	11	35
RS/MII and PCS	81,82	Mark Gustlin	15	19	21	7	62
PMA	83, 83C	Steve Trowbridge	3	11	11	8	33
		Total	64	99	107	68	338

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.

Front Matter etc (00, 01, A, 4, 4A, 31B, 80, 99)

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)

Front Matter continued

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,

Copper Related (73, 74)

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: daw_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!