

Logic Sub-Task Force Agenda

IEEE P802.3ba
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Mark Gustlin – Cisco

Agenda

- **Welcome and Introductions**
- **Approve the agenda**
- **Appoint / Volunteer Recording Secretary**
- **Call for Patents**
- **Resolve comments received for clauses**

Logic Sub-Task Force Organisation

- **Sub-Task Force Chair, Editor MII/RS and PCS Clauses**
Mark Gustlin
- **Sub-Task Force Recording Secretary**
Farhad Shafai
- **Editor Front Matter Clauses**
Ilango Ganga
- **Editor Maintenance Clauses**
Hugh Barrass
- **Editor PMA Clause**
Steve Trowbridge
- **Editor Copper related Clauses**
Arthur Marris

Attendance

- **Don't forget to log your attendance today**

<https://murphy.events.ieee.org/imat/>

Participants, Patents, and Duty to Inform

All participants in this meeting have certain obligations under the IEEE-SA Patent Policy.

Participants:

“Shall inform the IEEE (or cause the IEEE to be informed)” of the identity of each “holder of any potential Essential Patent Claims of which they are personally aware” if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents

“Personal awareness” means that the participant “is personally aware that the holder may have a potential Essential Patent Claim,” even if the participant is not personally aware of the specific patents or patent claims

“Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of such potential Essential Patent Claims” (that is, third parties that are not affiliated with the participant, with the participant’s employer, or with anyone else that the participant is from or otherwise represents)

The above does not apply if the patent claim is already the subject of an Accepted Letter of Assurance that applies to the proposed standard(s) under consideration by this group

Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2

- Early identification of holders of potential Essential Patent Claims is strongly encouraged
- No duty to perform a patent search

Patent Related Links

All participants should be familiar with their obligations under the IEEE-SA Policies & Procedures for standards development.

Patent Policy is stated in these sources:

IEEE-SA Standards Boards Bylaws

<http://standards.ieee.org/guides/bylaws/sect6-7.html#6>

IEEE-SA Standards Board Operations Manual

<http://standards.ieee.org/guides/opman/sect6.html#6.3>

Material about the patent policy is available at

<http://standards.ieee.org/board/pat/pat-material.html>

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/board/pat/index.html>

This slide set is available at <http://standards.ieee.org/board/pat/pat-slideset.ppt>

Call for Potentially Essential Patents

- **If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance:**

Either speak up now or

Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible or

Cause an LOA to be submitted

Other Guidelines for IEEE WG Meetings

- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.

Don't discuss the interpretation, validity, or essentiality of patents/patent claims.

Don't discuss specific license rates, terms, or conditions.

Relative costs, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.

Technical considerations remain primary focus

Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.

Don't discuss the status or substance of ongoing or threatened litigation.

Don't be silent if inappropriate topics are discussed ... do formally object.

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and "Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy" for more details.

Logic Sub-Task Force Schedule

	Tuesday	Wednesday
8:00	Task Force	Logic
8:30		
9:00		
9:30		
10:00	Break	Logic
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		
16:30		
17:00	Dinner	Dinner
17:30		
18:00		
18:30	Logic	Social
19:00		
19:30		
20:00		
20:30		

Comments to be Covered

Description	Clause(s)	Editor	TR	T	ER	E	Total
Front Matter, MAC, 40G & 100G Intro	00, 01, A, 4, 4A, 31B, 80, 99	Ilango Ganga	13	4	7	15	39
Management	30, 45	Hugh Barrass	5	9	2	8	24
Backplane related	73, 74	Arthur Marris	4	1	0	6	11
RS/MII and PCS	81,82	Mark Gustlin	7	23	1	20	51
PMA	83, 83C	Steve Trowbridge	10	4	4	9	27
		Total	39	41	14	58	152

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.

94 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)

Scheduled in Common Track (discuss any comments that are not completed in logic track):

297	ER:	XLAUI/CAUI naming
103	ER:	ZERO, ONE vs 0,1
313, 336	ER:	Equations, numbering, plots; consistency
24	T:	83B (XLAUI/CAUI) optional listing in PMD clauses
255, 97	TR:	Nomenclature
395	T:	Dated references (mostly optical related)

CR related scheduled in common track (discuss any comments that are not completed in Cu track):

96, 166, 165	TR	CR loss budget and reach objective
167, 168,	TR	CR related (output swing, jitter)
164	TR	Spin Clause 85/86 into different project
169	TR	CR related (looks procedural, discuss in Cu track)

Logic Track:

352, 355, 366 Clauses 45)	ER,TR:	Numbering of tables and subclauses, editing instructions (filed in 00, however most relevant to
248	ER	Typo 40GBASE-SR10
110	TR	BASE-R definition (Clause 45 related)
344 resolve)	E	Capitalization of 1.5 abbreviations/definitions vs IEEE style (1.5 Style discussed in D2.0, Discuss and
396	T	IPG shrinkage
267	E	numeric suffix in nomenclature (already discussed in D2.0, discuss and close)
269, 268	TR	definitions: FEC sublayer PCS to PMA and between PMA, MDIO optional: Just accept
274, 275	TR	Delay constraint for 40G (discuss supporting presentation)
266	E	(italics for variables/constants, discuss and clarify)

Remaining comments in page order.

Clause 30 & 45

The comments will be covered in page order.

Copper Related (73, 74)

The comments will be covered in page order.

RS/MII/PCS (81 and 82)

#29, Delay constraints, gustlin_05_0709

274 and 275, MAC Delay constraint, lakshmikantha_01_0709

#270, BIP counting, trowbridge_01_0709

Remaining comments to be covered in page order.

PMA (83)

Comments: 252, 33, 253, 34; PRBS Related, anslow_05_0709

The remaining comments to be covered in page order.



Thanks!