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
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


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.
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.
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 ER,TR: Numbering of tables and subclauses, editing instructions (filed in 00, however most relevant to Clauses 45)
248 ER TYPO 40GBASE-SR10
110 TR BASE-R definition (Clause 45 related)
344 E Capitalization of 1.5 abbreviations/definitions vs IEEE style (1.5 Style discussed in D2.0, Discuss and resolve)
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.
The comments will be covered in page order.
Copper Related (73, 74)

The comments will be covered in page order.
#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!