

Optical Sub-Task Force New Orleans Meeting

Pete Anslow

IEEE P802.3ba, New Orleans, January 2009

Agenda

- Welcome and Introductions
- Approve the agenda
- Appoint / Volunteer Recording Secretary
- Review any incoming liaisons assigned to optical track
- Resolve comments received on clause 87 & 88
 - Clause 87 - 43 T/TR
 - Clause 88 - 37 T/TR
- Resolve comments received on clause 86
 - 130 T/TR
- Review any liaison responses assigned to optical track

Optical Sub-Task Force Organisation

- Sub-Task Force Chair, Editor 100G SMF PMD Clause (88)
 - Pete Anslow
- Sub-Task Force Recording Secretary
 - Wednesday – xx
 - Thursday – xx
- Editor 40/100G MMF PMD Clause (86)
 - Piers Dawe
- Editor 40G SMF PMD Clause (87)
 - Jonathan King

Meeting map

	Wed			Thur			Fri
8:30							
9:00	Logic	Copper	Optics	Logic	Copper	Optics	Sub-Task Force Closing Reports
10:00							
11:00	Location TBD	Location TBD	Location TBD	Location TBD	Location TBD	Location TBD	B K Ballroom EF
12:00	Lunch			Lunch			Lunch
13:00							
14:00	Logic	Copper	Optics	Logic	Copper	Optics	Motions & Closing Business B K Ballroom EF
15:00							
16:00	Location TBD	Location TBD	Location TBD	Location TBD	Location TBD	Location TBD	
17:00							
18:00	Dinner			Dinner			
19:00	Logic	Copper	Optics	Logic	Copper	Optics	
20:00	Location TBD	Location TBD	Location TBD	Location TBD	Location TBD	Location TBD	
21:00							

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>

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.

Meeting Attendance

- The IEEE-SA Meeting Attendance Tool will be the basis of the official attendance record for this meeting
- To use the tool, you must have an IEEE Web Account
 - A tutorial on how to acquire an IEEE Web Account and use the Meeting Attendance Tool is available at...

http://iee802.org/3/minutes/jul08/0708_attendance_tool.pdf

- The link for this meeting is:

<https://seabass.ieee.org/imat/>

Meeting access code : xxxxxxxx

Comments on Clause 87 & 88 of Draft 1.1

1. [334, 106] on PMD service interface
2. [92, 94, 484, 485, 93, 95_{40G LR}], 219, [489, 96, 116, 488, 232, 233, 97, 118, 234, _{100G LR}], [98, 490, 491, 121, 99, 493, 234_{100G ER}] on optical power levels
3. [221, 235, 109, 123_{PRBS9}], [636, 637, 438, 439, 441, 440_{OMA}], [223, 237, 475], [228, 243, 478], [225, 240] on test patterns
4. [226, 487] on Tx jitter
5. [224, 477] on Ref Tx characteristics
6. [474, 471, 479, 280] skew values
 - 280 =>isono_01_0109
7. [605, 108, 120] TDP label
8. [107, 115, 117, 119, 122] wavelength ranges
9. Rest of T/TRs for clause 87 & 88 in order of page, line

Comments on Clause 86 of Draft 1.1 Part 1

1. [502, 77, 78, 450, 556, 415, 454, 83, 417, 456, 82, 459, 466, 577, 467, 531, 452, 494], 453, [558, 426, 608], 423 on jitter and power budget
 - 502 =>anslow_04_0109, 494 =>li_01_0109
2. [331, 416], 611 on stressed Rx sensitivity
 - 331 =>chang_01_0109, 416 =>petrilla_01_0109
3. 578, [579, 333], [469, 208, 580], 581 on stressed sensitivity measurement
 - 333 =>chang_01_0109
4. 427, [425, 626], [455, 418] on eye masks
 - 418, 425, 427 =>petrilla_01_0109, 626 =>dawe_04_0109
5. 422, 574 RIN_{12} OMA
6. [545, 405, 75, 76, 186, 187], [586, 185] on connectors and lanes
 - 186, 187, 185 =>kolesar_01_0109; 75, 76 =>ghiasi_02_0109
7. 329 on pre-emphasis =>chang_02_0109

Comments on Clause 86 of Draft 1.1

8. [84, 547] on compliance boards

- 84 =>ghiasi_02_0109

9. [564, 205, 463, 332_{PRBS9}], [573, 634, 437, 635_{OMA, TT}], [505, 562, 563, 473, 462, 565, 460_{T 86-15}], [420, 419, 452, 566, 206, 464_{T 86-16}], [468, 207] on test patterns

- many =>dawe_01_0109

10. [548, 85] on the electrical channel

11. Rest of T/TRs for clause 86 in order of page, line

Thanks!