

# Optical Sub-Task Force Agenda, Quebec City

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# Agenda

- Welcome
- Review the agenda
- Review any incoming liaisons assigned to optical track
- Resolve comments clause 1 & 30 assigned to Optical track
- Resolve comments received on clause 87 & 88
  - Clause 87 - 17 T/TR
  - Clause 88 - 17 T/TR
- Resolve comments received on clause 86
  - 75 T/TR
- Resolve ER comments time permitting
- 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
- Editor 40/100G MMF PMD Clause (86)
  - Piers Dawe
- Editor 40G SMF PMD Clause (87)
  - Jonathan King

# Meeting map

	Mon	Tue		Wed			Thu
8:00							
9:00	Task Force	Logic	Copper	Optics	Logic	Copper	Optics
10:00	Location	Location	Location	Location	Location	Location	Sub-Task Force Closing Reports
11:00							Location
12:00	Lunch	Lunch			Lunch		Lunch
13:00							
14:00	Task Force	Logic	Copper	Optics	Logic	Copper	Optics
15:00	Location	Location	Location	Location	Location	Location	
16:00							
17:00							
18:00	Dinner	Dinner			Dinner		
19:00							
20:00	Task Force	Logic	Copper	Optics	Logic	Copper	Optics
21:00	Location	Location	Location	Location	Location	Location	

# **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](mailto: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.**

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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://ieee802.org/3/minutes/jul08/0708\\_attendance\\_tool.pdf](http://ieee802.org/3/minutes/jul08/0708_attendance_tool.pdf)

- The link for this meeting is:

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

*Meeting access code : xxxxx*

# Comments on Clause 1 & 30 of Draft 2.0

1. [537] on XLPPI, CPPI
2. [541, 549, 542, 545, 550, 708] on wavelength vs. reach
3. [308, 310] on CWDM
4. [309, 324] on OM3

# Comments on Clause 87 & 88 of Draft 2.0

1. [614, 615] wavelength setting
2. [423, 443, 444, 426, 196, 445, 427, 446, 428] link budget clause
3. [190, 187, 188, 199, 197, 198, 205, 206, 207] square wave
4. [182, 195, 204] PMD fault function (optional)
5. [332, 330, 461] skew measurement location
6. [334, 335] average power
7. [200, 208] passband ripple
8. [246, 247, 250, 251, 252, 253, 254] type B6\_A fiber
9. [761, 762] on pause
10. [201, 209], [202, 210] informative, normative
11. [458, 231] TP0 and TP5
12. [191, 203, 211], 345 TP3 is the MDI
13. Rest of T/TRs for clause 87 & 88 in order of page, line

# Comments on Clause 86 of Draft 2.0

1. [260, 259, 262], [261, 693], 779 on budget
2. [83] on connector loss
3. [267, 242] on Method 2 / Method 3
4. [276, 353], 87 on TDP measurement
  - 276 =>kolesar\_01\_0509, kolesar\_02\_0509,
5. [217], [91] OM4, OM2
  - 217 =>pimpinella\_01\_0509
6. [277] on extended reach
  - 277 =>kolesar\_03\_0509, kolesar\_04\_0509 , kolesar\_05\_0509
7. [693], [89] on eye mask and Qsq
  - 89 =>dawe\_02\_0509
8. [499, 472, 604] on patterns
9. [450, 586, 455, 425, 496, 465, 352] on clause structure
- 10.[86, 421, 422, 424, 441] informative

# Combined session with Cu track (Wednesday)

1. [502, 521] on insertion loss - affects 85, 86
2. [48] on reach target. Affects 85

# ER Comments on Clauses 86, 87, 88

1. Rest of ERs for clause 87 in order of page, line
2. Rest of ERs for clause 88 in order of page, line
3. Rest of ERs for clause 86 in order of page, line

Thanks!