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**IEEE 802.3ba Copper “Cu” Sub-Task Force  
Agenda and General Information  
Florida, FL – March 2010**

**Cu Sub-Task Force Chair  
Chris Di Minico**

**Editor(s) – Ryan Latchman  
Arthur Marris**

# Cu Sub-Task Force

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- **Cu Sub-Task Force Chair and Editor for 40GBASE-CR4 and 100GBASE-CR10, clause 85, 85A**
  - **Chris DiMinico**
- **Editor, 40 Gb/s (XLAUI) and 100 Gb/s (CAUI) interfaces, clause 83A,83B**
  - **Ryan Latchman**
- **Editor, Clauses 69, 84, Annexes 69A, 69B**
  - **Arthur Marris**

# Agenda

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- **Administrative**
  - **Welcome and Introductions**
  - **Ground Rules**
  - **Appoint recording secretary**
  - **Patent policy and other guidelines**
- **New business**
  - **Comment resolution IEEE Draft P802.3ba/D3.1**
    - **Clauses 85, 85A, 83A,83B and 69,69A,69B,84**
    - **Review presentations addressing comments**
  - **Output documents**
- **Closing**

# Ground Rules

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- **Based upon IEEE 802.3 Rules**
  - **Foundation based upon Robert's Rules of Order**
  - **Anyone in the room may speak**
  - **Anyone in the room may vote**
- **RESPECT... give it, get it**
- **NO product pitches**
- **NO corporate pitches**
- **NO prices!!!**
- **This includes costs, ASPs, etc. no matter what the currency**
- **NO restrictive notices**
  
- **Please use the microphone to address the Sub-Task Force**

# 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

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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>

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

# Call for Potentially Essential Patents

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- **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.



# Copper Sub-Task Force Schedule

	Mon	Tues	Wed	Thur	Fri					
8:30		Task Force	Logic	Copper	Optics	Task Force Motions & Closing Business				
9:00										
9:30										
10:00										
10:30										
11:00										
11:30										
12:00	Lunch						Lunch	Lunch	Lunch	
12:30										
13:00	802.3 Plenary						Task Force	Logic	Copper	Optics
13:30										
14:00										
14:30										
15:00										
15:30										
16:00										
16:30		Logic	Copper	Optics	SEC					
17:00										
17:30										
18:00	Tutorial #1	Dinner		Dinner						
18:30										
19:00	Tutorial #2	IEEE 802 30th Anniversary Celebration - Panel Discussion		Social						
19:30										
20:00										
20:30										
21:00	CFI									
21:30										
22:00										

Note –Times listed are subject to change. See individual sub-task force agendas for sub-task force meeting details.

# Agenda Tuesday and Wednesday

- **Schedule (start Tuesday – at close of Task Force - 15:00 )**
  1. **Clause 85, 40GBASE-CR4 and 100GBASE-CR10**
  2. **Backplane Clauses 69, 84, Annexes 69A, 69B**
  3. **Annex 83A, 83B 40 Gb/s (XLAUI) and 100 Gb/s (CAUI) interfaces**
- **Priority**
  - **Review all T/TR/ER for each clause. Time permitting E comments will be resolved otherwise editors to implement unless a particular E comment requested to be reviewed in sub-task force.**
  - **Comment status**

Clause/Annexes	Editor	TR	T	ER	E	Total
85, 85A	Chris DiMinico	9	4	4	13	30
69, 84, 69A, 69B	Aurthur Marris	1	1	2	1	5
83A,83B	Ryan Latchman	37	10	8	11	66
		47	15	14	25	101

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# Key items

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## 85, 85A

- **Figure clarification**

## 83A,83B

- **Clarifications; XLAUI/CAUI channel and compliance points, VMA**
- **83B loss budget; connector loss**