

# Electrical Interface Ad-hoc Meeting

- Opening/Agenda/Work-items

IEEE P802.3bs 200 & 400 Gb/s Ethernet Task Force  
8<sup>th</sup> May 2017

# Opening

- The charter of the Electrical Interface Ad hoc is:
  - Address all issues in relation to the electrical interfaces to ensure progress towards a final draft.
    - *Identify issues or omissions in the draft*
    - *Find consensus now, rather than in comment resolution.*
- Next Ad-hoc Meeting
  - 15<sup>th</sup> May, if required
- Attendees names and affiliations will be taken from the Webex participants list.
  - Please use an e-mail address indicating affiliation when signing in. If you attend via phone only, or if your employer and affiliation are different, please send me an e-mail.

# Patent Policy

- <http://www.ieee802.org/3/patent.html>

# Participation in IEEE 802 Meetings

**All participation in IEEE 802 Working Group meetings is on an individual basis**

- **Participants in the IEEE standards development individual process shall act based on their qualifications and experience.**  
([https://standards.ieee.org/develop/policies/bylaws/sb\\_bylaws.pdf](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf) section 5.2.1)
- **IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)**
- **Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**
- **Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see [https://standards.ieee.org/develop/policies/bylaws/sb\\_bylaws.pdf](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf) section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.**

**By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.**

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml>)

# Agenda

Ad-hoc Opening/Agenda/Work-Items	Andre Szczepanek	szczepanek_01_050817_elect
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# Agenda & Minutes

- Any objections to the Agenda ?
- Any objections to the minutes from the last 2 meetings ?
  - [http://www.ieee802.org/3/bs/public/adhoc/elect/06Mar\\_17/minutes\\_draft\\_06-Mar\\_2017\\_elect.pdf](http://www.ieee802.org/3/bs/public/adhoc/elect/06Mar_17/minutes_draft_06-Mar_2017_elect.pdf)
  - [http://www.ieee802.org/3/bs/public/adhoc/elect/24Mar\\_17/minutes\\_draft\\_24-Mar\\_2017\\_elect.pdf](http://www.ieee802.org/3/bs/public/adhoc/elect/24Mar_17/minutes_draft_24-Mar_2017_elect.pdf)

# Work Items

# r01-5: “loss budget” (Mellitz) Straw Poll results

- Option 1: Do nothing
- Option 2:
  - Change “The **supported** insertion loss budget is characterized by Equation (120E–1) and illustrated in Figure 120E–4. “ to “The **recommended** insertion loss budget is characterized by Equation (120E–1) and illustrated in Figure 120E–4. “
  - Add “**recommended**” to the title of Figure 120E-4.
- Option 3: Change the insertion loss equation to the equation given in Slide 14 “Option B” of mellitz\_01b\_042417\_elect.
- Option 4: Implement the changes in both options 2 & 3 above.
- Results
  - Option 1: 2; Option 2: 4; Option 3: 0; Option 4: 10;
  - **The consensus is to change both the wording and the equation.**



# Comment resolution items requiring consensus

- r01-22/36:  $SNR_{ISI}$  Max (Ran)
- r01-41: RL equations at Low Frequencies (Dawe)
- r01-24: Q4 definition (Ran)
- r01-44: Add FOM-ILD spec (Dawe)

# Participants, Patents, and Duty to Inform

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

- **Participants [Note: Quoted text excerpted from IEEE-SA Standards Board Bylaws subclause 6.2]:**
  - **“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**
  - **“Should inform the IEEE (or cause the IEEE to be informed)” of the identity of “any other holders of 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**
- **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/develop/policies/bylaws/sect6-7.html#6>*

IEEE-SA Standards Board Operations Manual

*<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>*

Material about the patent policy is available at

*<http://standards.ieee.org/about/sasb/patcom/materials.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/about/sasb/patcom/index.html>

This slide set is available at  
<https://development.standards.ieee.org/myproject/Public/mytools/mob/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