IEEE P802.3ba
40Gb/s and 100Gb/s Ethernet Task Force

Agenda and General Information

Atlanta, GA
November, 2009
Agenda

- Welcome and Introductions
- Approve Agenda
- Approve the Minutes
- Goals for this Week
- Ground Rules
- Reflector and Web
- IEEE
  - Structure
  - Bylaws and Rules
  - Call for Patents
  - IEEE Standards Process
- Chief Editor Opening Report
- Comment Resolution D2.3
- Liaisons
- Motions & Closing Business
- Future Meetings
Task Force Decorum

- Press (i.e., anyone reporting publicly on this meeting) are to announce their presence (2007 SASB Op Manual 5.3.3.5)
- Photography or recording by permission only (5.3.3.4)
- Cell phone ringers off
- Wear your badges at all times in meeting areas
Goals for the Week

- **Big Ticket Items**
  - Progress Towards Sponsor Ballot - Respond to comments against IEEE P802.3ba Draft 2.3
  - Lay groundwork for the next meeting - Draft 3.0
  - Make request to 802.3WG to go to Sponsor Ballot
  - Provide a response to the 802.3WG on the OIF Liaison
## IEEE P802.3ba Task Force Officers and Editors

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>John D’Ambrosia</td>
<td>Task Force Chair</td>
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<tr>
<td>Ilango Ganga</td>
<td>Task Force Chief Editor</td>
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<td>Editor – Clauses 1, 4, 80, Annexes A, 4A</td>
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<td>Mark Gustlin</td>
<td>Chair, “Logic” Sub-task Force</td>
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<td>Chris DiMinico</td>
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<td>Pete Anslow</td>
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<td>Hugh Barrass</td>
<td>Editor – Clauses 30, 45</td>
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<td>Jonathan King</td>
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<td>Arthur Marris</td>
<td>Editor – Clauses 69, 73, 74, 84, Annexes 69A, 69B</td>
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<td>Editor – Clause 83, Annex 83C</td>
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<td>Ryan Latchman</td>
<td>Editor – Annex 83A, 83B</td>
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<td>Piers Dawe</td>
<td>Editor – Clause 86, 52</td>
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<td>George Oulundsen</td>
<td>Task Force Secretary</td>
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<td>Frank Chang</td>
<td>Task Force Web Master</td>
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Ground Rules

- 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
Reflector and Web

- To subscribe to the IEEE P802.3ba Task Force reflector, send an email to:
  
  `ListServ@ieee.org`

  with the following in the body of the message (do not include “<>”):
  
  `subscribe stds-802-3-hssg <yourfirstname> <yourlastname> end`

- Send IEEE P802.3ba Task Force reflector messages to:
  
  `STDS-802-3-HSSG@listserv.ieee.org`

- Task Force web page URL:
  
  `http://www.ieee802.org/3/ba/`
IEEE P802.3ba Private Area

- URL: http://www.ieee802.org/3/ba/private/
  - Username: 802.3ba
  - Password: xxxxxxxx

- Write it down…

- Note - The draft is posted for your review only, and neither the draft nor access information should be copied or redistributed to others in violation of document copyrights.
Task Force Approved Project Documents

- PAR

- 5 Criteria
  - http://ieee802.org/3/ba/PAR/P802.3ba_5C_0908.pdf

- Objectives
  - http://ieee802.org/3/ba/PAR/P802.3ba_Objectives_0709.pdf
IEEE Structure

IEEE-SA
Standards Association

Standards
Process

IEEE-SA
Standards Board

RevCom
Review Committee

NesCom
New Stds. Committee

IEEE 802
Sponsor Group

IEEE 802.3
Working Group

IEEE P802.3ba
Task Force

Approval Process
Standards Process
Technical Activities
Bylaws and Rules

- **IEEE-SA Operations Manual:**

- **IEEE-SA Standards Board Bylaws:**

- **IEEE-SA Standards Board Operations Manual:**

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Policies and Procedures:**

- **IEEE 802 LAN/MAN Standards Committee (LMSC) Operations Manual:**

- **IEEE 802.3 Working Group Operating Rules:**
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

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.
Overview of IEEE 802.3 Standards Process (1/5) - Study Group Phase

Note: At “Check Point”, either the activity is ended, or there may be various options that would allow reconsideration of the approval.
Overview of IEEE 802.3 Standards Process (2/5) - Task Force Comment Phase
Overview of IEEE 802.3 Standards Process (3/5) - Working Group Ballot Phase

WE ARE HERE

D2.(n+1) → 802.3 WG BALLOT
TF Resolves Comments → Substantive Changes

In Scope New Negatives

Check Point

Yes

Yes

≥ 75%

No

No

Yes

802.3 Forward to Sponsor Ballot

802 EC Forward to Sponsor Ballot

D3.0

A

B

Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.

See 802.3 Operating Rules 7.1.4 and listed references for complete description.
Overview of IEEE 802.3 Standards Process (4/5)- Sponsor Ballot Phase

Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval. See 802.3 Operating Rules 7.1.5 and listed references for complete description
Overview of IEEE 802.3 Standards Process (5/5) - Final Approvals / Standard Release

Notes: At "Check Point", either the activity is ended, or there may be various options that would allow reconsideration of the approval.
IEEE P802.3ba Task Force Timeline

* Adopted by IEEE P802.3ba TF at March 08 Plenary
Liaisons

- OIF
  - Files – See P802.3ba Private Area

- ITU-T Study Group 15
  - Files – See P802.3ba Private area

Meeting Map

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Note –Times listed are subject to change. See individual sub-task force agendas for sub-task force meeting details.
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Note – Order of presentations and times listed are subject to change.
Future Meetings

- Future Meeting information at:

- Jan 2010 IEEE 802.3 Interim
  - Jan 25 – 28
  - Marriot Hotel Convention Center
  - New Orleans, LA, USA

- March 2010 IEEE 802 Plenary
  - March 14 - 19
  - Caribe Royale Orlando All Suites Resort and Convention Center
  - Orlando, FL, USA
Thank You!