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

Chief Editor’s Report

Ilango Ganga, Intel
Editor-in-Chief, IEEE P802.3ba Task Force

May 4, 2009
# Editorial Team

<table>
<thead>
<tr>
<th>Editor</th>
<th>Affiliation</th>
<th>Responsibilities</th>
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<tbody>
<tr>
<td>Ilango Ganga</td>
<td>Intel</td>
<td>Editor-in-Chief</td>
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<td></td>
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<td>Editor – Clauses 1, 4, 80, Annexes A, 4A,31B</td>
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<tr>
<td>Mark Gustlin</td>
<td>Cisco</td>
<td>Chair, Logic Sub-task Force</td>
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<td>Editor – Clauses 81, 82</td>
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<tr>
<td>Chris Di Minico</td>
<td>MC Communications</td>
<td>Chair, Copper Sub-task Force</td>
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<td>Editor – Clause 85</td>
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<tr>
<td>Pete Anslow</td>
<td>Nortel</td>
<td>Chair, Optical Sub-task Force</td>
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<td>Editor – Clause 88</td>
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<tr>
<td>Hugh Barrass</td>
<td>Cisco</td>
<td>Editor – Clauses 30, 45</td>
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<tr>
<td>Arthur Marris</td>
<td>Cadence</td>
<td>Editor – Clauses 69, 73, 74, 84, Annexes 69A, 69B</td>
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<tr>
<td>Steve Trowbridge</td>
<td>Alcatel-Lucent</td>
<td>Editor – Clause 83, Annex 83C</td>
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<tr>
<td>Ryan Latchman</td>
<td>Gennum</td>
<td>Editor – Annexes 83A, 83B</td>
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<tr>
<td>Piers Dawe</td>
<td>Avago Technologies</td>
<td>Editor – Clause 86</td>
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<tr>
<td>Jonathan King</td>
<td>Finisar</td>
<td>Editor – Clause 87</td>
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Current status

- Editorial team generated P802.3ba-D2.0 for initial WG ballot
  - WG ballot: Mar 13, 2009 to Apr 16, 2009
- Draft 2.0: Received a total of 791 comments
  - T/TR comments: 472
  - E/ER comments: 319
  - Includes 12 late comments received after ballot close
- Editorial team prepared proposed responses to all 791 comments
  - Proposed responses posted to P802.3ba website on Apr 30, 2009

- Thanks to the Editorial team, volunteers and contributors for your efforts in releasing Draft 2.0 and for preparing proposed responses
## Initial WG ballot results

<table>
<thead>
<tr>
<th>D2.0 Initial WG ballot results</th>
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</thead>
<tbody>
<tr>
<td>Voters</td>
</tr>
<tr>
<td>Approve</td>
</tr>
<tr>
<td>Disapprove</td>
</tr>
<tr>
<td>Disapprove w/o comment</td>
</tr>
<tr>
<td>Abstain</td>
</tr>
<tr>
<td>Returns</td>
</tr>
<tr>
<td>Approval rate</td>
</tr>
<tr>
<td>Abstention rate</td>
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<tr>
<td>Response rate</td>
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</table>

Ballot met the required response rate $\geq 50\%$ and abstention rate of $< 30\%$.

Need 2 more approve ballots to reach the required approval rate of $\geq 75\%$.  

5/4/2009 IEEE P802.3ba Task Force meeting, May 2009, Quebec City, QC, Canada

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## D2.0 Comments report

<table>
<thead>
<tr>
<th>Description</th>
<th>Clause</th>
<th>Editor</th>
<th>TR</th>
<th>T</th>
<th>ER</th>
<th>E</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front matter, MAC, 40G &amp; 100G Intro</td>
<td>99, 00, 01, A, 4, 4A, 31B, 80</td>
<td>Ilango Ganga</td>
<td>29</td>
<td>14</td>
<td>18</td>
<td>27</td>
<td>88</td>
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<tr>
<td>Management</td>
<td>30, 45</td>
<td>Hugh Barrass</td>
<td>22</td>
<td>29</td>
<td>24</td>
<td>45</td>
<td>120</td>
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<tr>
<td>RS/MI1 and PCS</td>
<td>81, 82</td>
<td>Mark Gustlin</td>
<td>19</td>
<td>15</td>
<td>7</td>
<td>21</td>
<td>62</td>
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<tr>
<td>PMA</td>
<td>83, 83C</td>
<td>Steve Trowbridge</td>
<td>11</td>
<td>3</td>
<td>8</td>
<td>11</td>
<td>33</td>
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<tr>
<td>XLAUI/CAUI (chip-chip &amp; module)</td>
<td>83A, 83B</td>
<td>Ryan Latchman</td>
<td>33</td>
<td>53</td>
<td>17</td>
<td>14</td>
<td>117</td>
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<tr>
<td>Backplane KR4 related</td>
<td>69, 69A, 69B, 73, 74, 84</td>
<td>Arthur Marris</td>
<td>24</td>
<td>15</td>
<td>18</td>
<td>7</td>
<td>64</td>
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<tr>
<td>Copper CR4 &amp; CR10</td>
<td>85</td>
<td>Chris Di Minico</td>
<td>43</td>
<td>53</td>
<td>13</td>
<td>29</td>
<td>138</td>
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<tr>
<td>Optical SR4 &amp; SR10</td>
<td>86</td>
<td>Piers Dawe</td>
<td>30</td>
<td>45</td>
<td>24</td>
<td>17</td>
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<tr>
<td>Optical 40G LR4</td>
<td>87</td>
<td>Jonathan King</td>
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<td>6</td>
<td>3</td>
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<td>Optical 100G LR4 &amp; ER4</td>
<td>88</td>
<td>Pete Anslow</td>
<td>9</td>
<td>8</td>
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<tr>
<td><strong>Total comments</strong></td>
<td></td>
<td></td>
<td>223</td>
<td>249</td>
<td>143</td>
<td>176</td>
<td>791</td>
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</table>
D2.0 Comments distribution by category

D2.0 Comments distribution

Number of comments

- Front matter, MAC, 40G & 100G Intro
- Management
- RS/MII and PCS
- PMA
- XLAUI/CAUI
- Backplane KR4 related
- Copper CR4 & CR10
- Optical SR4 & SR10
- Optical 40G
- Optical 100G LR4 & ER4

Legend:
- E
- ER
- T
- TR
Top meeting goals

- Resolve/respond to comments received on D2.0
  - Review all T/TRs and ERs in the meeting
  - TRs and ERs need signoff from commenters
  - Subject to availability of time, editorial comments (E) may not be discussed in the meeting and will be left to the editorial team to close based on the proposed responses
    - If you want to review any specific editorial comments, please bring it to the attention of the Sub-Task Force Chairs or Chief Editor

- Request to generate D2.1, for WG circulation or recirculation, based on D2.0 and resolved comments
D2.0 Comment review

- The Task Force will meet in a single track after the opening business on Mon for comment resolution
  - See “Task Force discussion” presentation (anslow_05_0509) for list of comments to be discussed in this session
- Comments will be reviewed in Logic, Copper, and Optical tracks in parallel on Tue & Wed
  - Logic track
    - Front matter, Clauses 01, A, 4, 4A, 30, 31B, 45, 73, 74, 80, 81, 82, 83, 83C
  - Copper track
    - Clauses 69, 69A-C, 84, 85, and Annexes 83A & 83B
  - Optical track
    - Clauses 86, 87, 88
- See Logic, Cu, Optical Sub-Task Force opening reports for details
  - See gustlin_01_0109.pdf, diminico_01_0109.pdf, and anslow_01_0109.pdf

- Presentations in support of comments will be heard as part of comment resolution when appropriate comments are taken up for review

Note: See agenda_01_0109 for schedule and meeting outline; *schedule subject to change
IEEE P802.3ba Task Force Timeline

You Are Here

Task Force Formation

Baseline

TF Review

WG Ballot

LMSC Ballot

Standard

Last Proposal

Last Feature

Last Technical Change

2008

2009

2010

PAR Approved

D1.0

D2.0

D3.0

TF Reviews

WG Ballots

LMSC Ballots

Legend

△ IEEE 802 Plenary

○ IEEE 802.3 Interim

■ IEEE-SA Standards Board

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

IEEE 802.3 Interim, Quebec City, Quebec, Canada, May 2009
Summary

- Resolve/respond to comments received on D2.0
  - If you are satisfied with the resolution and wish to change your ballot to approve, please inform the Chair/Chief Editor
- Request to generate D2.1, based on D2.0 and resolved comments
- Request to go to WG circulation or recirculation as appropriate