IEEE P802.3av Task Force

Final Report to IEEE 802.3 WG
November 16, 2009
Atlanta, GA

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Activities Since July Plenary

- Draft D3.4 was submitted to RevCom on July 29, 2009
- RevCom recommended standard approval on September 10th, 2009
- IEEE-SA StB approved the IEEE Std 802.3av-2009 on September 11th, 2009
Approved by TF on November 15, 2007
## Sponsor Ballots at a Glance

<table>
<thead>
<tr>
<th></th>
<th>Initial Ballot (D3.0)</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; Recirc (D3.2)</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; Recirc (D3.3)</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; Recirc (D3.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Voters</strong></td>
<td>114</td>
<td>114</td>
<td>114</td>
<td>114</td>
</tr>
<tr>
<td><strong>Approved</strong></td>
<td>82</td>
<td>86</td>
<td>89</td>
<td>89</td>
</tr>
<tr>
<td><strong>Disapproved</strong> (w/ comments)</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Disapproved</strong> (w/o comments)</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Abstained</strong></td>
<td>8</td>
<td>9</td>
<td>9</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total Returns</strong></td>
<td>94</td>
<td>97</td>
<td>98</td>
<td>98</td>
</tr>
<tr>
<td><strong>Response Ratio</strong> (Req. ≥ 75%)</td>
<td>82.46%</td>
<td>85.1%</td>
<td>85.96%</td>
<td>85.96%</td>
</tr>
<tr>
<td><strong>Abstention Ratio</strong> (Req. &lt; 30%)</td>
<td>8.51%</td>
<td>9.3%</td>
<td>9.18%</td>
<td>9.18%</td>
</tr>
<tr>
<td><strong>Approval Ratio</strong> (Req. ≥ 75%)</td>
<td>96.47%</td>
<td>97.73%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
Sadistic Statistics

Or what it takes to write a standard
Presentations

64 presenters made a total of 462 presentations
  - Total number of pages: 3727
  - Printed (double-sided), that would create a stack 7.5” high, weighing 20 lbs.
    • This is even higher and heavier than the printed version of the 802.3-2008
    • Luckily ... just expired!

United States Patent

Whiteley

[54] METHOD AND APPARATUS FOR BURNING STACKED NEWSPAPERS IN A FIREPLACE OR STOVE

November 16, 2009 IEEE 802 Plenary Meeting, Atlanta, GA
53 commenters submitted a total of 2,501 comments.
By the end of the project, there were 410 unique subscribers on the reflector.

After the initial burst of subscriptions immediately after the CFI, there was almost a constant increase up to (and even past) the standard’s approval date.
Time Spent

- 20 meetings
  - 9 plenary meetings
  - 11 interim meetings

- Between May 2007 and July 2009, 12,067 man-hours were spent in Task Force meetings (WG meetings excluded).
Between January 2008 and July 2009, 802.3av participants flew \(1,385,700\) miles to attend 802.3av meetings. This distance is equal to

- ... 55.7 times around the world
- ... 2.9 round trips to the moon
- ... 111 years of driving for an average driver
- Light traveling in vacuum takes 7.4 seconds to cover the same distance
People Responsible for These Statistics

- Akihiro Otaka, NTT
- Akio Tajima, NEC Corp.
- Alan Brown, Enablence Technologies
- Bin Yeong Yoon, ETRI
- Bob Grow, Intel
- David Law, 3COM
- Dongsoo Lee, ETRI
- Duane Remein, Enablence Technologies
- Eric Lynskey, Teknovus
- Frank Chang, Vitesse
- Frank Effenberger, Huawei
- Fumio Daido, Sumitomo Electric
- Haim Ben Amram, PMC Sierra
- Hiroshi Hamano, Fujitsu Labs
- Howard Frazier, Broadcom Corp.
- Jeff Mandin, PMC-Sierra
- Keiji Tanaka, KDDI
- Ken-Ichi Suzuki, NT
- Lowell Lamb, Teknovus
- Marek Hajduczenia, ZTE
- Mitsunobu Kimura, Hitachi Communication
- Motoyuki Takizawa, Fujitsu Telecom Networks
- Pete Anslow, Nortel
- Piers Dawe, Avago Technologies
- Robert Lingle, Jr., OFS Optics
- Rujian Lin, Shanghai Luster Teraband Photonics
- Ryan Hirth, Teknovus
- Seiji Kozaki, Mitsubishi Electric
- Sergey Ten, Corning
- Shane Eleniak, Alloptic
- Shinji Tsuji, Sumitomo Electric
- Steve Carlson, High Speed Design
- Vijay Pathak, Kawasaki Microelectronics
- Wael Diab, Broadcom Corp.
IEEE 802.3av Officers

- **Duane Remein** - Chief Editor
  - Primary responsibility: clauses 1, 30, 45, 56, 76, 76A, 99

- **Marek Hajduczenia** - Assistant Editor
  - Primary responsibility: clauses 31A, 31C, 66, 67, 75, 75A, 75B, 75C, 77
We Thank Our Meeting Hosts

<table>
<thead>
<tr>
<th>Host</th>
<th>Date</th>
<th>Location</th>
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<tbody>
<tr>
<td>Broadcom Corp.</td>
<td>January 2007</td>
<td>Monterey, CA</td>
</tr>
<tr>
<td>ITU-T</td>
<td>May 2007</td>
<td>Geneva, Switzerland</td>
</tr>
<tr>
<td>Samsung ETRI Korea Ethernet Forum</td>
<td>September 2007</td>
<td>Seoul, South Korea</td>
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<tr>
<td>Intel</td>
<td>January 2008</td>
<td>Portland, OR</td>
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<tr>
<td>NTT</td>
<td>April 2008</td>
<td>Tokyo, Japan</td>
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<td>Linear Technology</td>
<td>May 2008</td>
<td>Munich, Germany</td>
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<td>LG Nortel</td>
<td>September 2008</td>
<td>Seoul, South Korea</td>
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<tr>
<td>AMCC</td>
<td>January 2009</td>
<td>New Orleans, LA</td>
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<tr>
<td>Tyco Electronics</td>
<td>May 2009</td>
<td>Québec, Canada</td>
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<tr>
<td>ZTE China Telecom</td>
<td>June 2009</td>
<td>Shanghai, P.R. China</td>
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