Friday, Nov 10, 2017 - 1:00 p.m. EST
All times EST

Caribe Royale
Orlando, FL, USA

EC Voting members (or their representatives) present:
Paul Nikolic  Chair, IEEE 802 LAN/MAN Standards Committee
Pat Thaler  1st Vice Chair, IEEE 802 LAN/MAN Standards Committee; Chair, IEEE 802 / IETF Standing Committee
James Gilb  2nd Vice Chair, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl  Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia  Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Glenn Parsons  Chair, IEEE 802.1 – HILJ Working Group
David Law  Chair, IEEE 802.3 – Ethernet Working Group  (Arrived at 1:41pm)
Adam Healey  Vice-Chair, representing IEEE 802.3 Ethernet Working Group prior to Law arrival
Adrian Stephens  Chair, IEEE 802.11 – Wireless LAN Working Group
Bob Heile  Chair, IEEE 802.15 – Wireless PAN Working Group
Roger Marks  Chair, IEEE 802.16 – Broadband Wireless Access Working Group
Jay Holcomb  Vice-Chair, representing IEEE 802.18 – Regulatory TAG
Steve Shellhammer  Chair, IEEE 802.19 – Wireless Coexistence Working Group
Subir Das  Chair, IEEE 802.21 – Media Independent Handover Working Group
Apurva Mody  Chair, IEEE 802.22 – Wireless RANs Working Group
Tim Godfrey  Chair, IEEE 802.24 - Vertical Applications TAG

EC Nonvoting members present:
Geoff Thompson  Member Emeritus
Radhakrishna Canchi  Chair, IEEE 802.20 – Mobile Broadband Wireless Access Working Group

EC Voting members absent:
Clint Chaplin  Treasurer, IEEE 802 LAN/MAN Standards Committee
Rich Kennedy  Chair, IEEE 802.18 – Regulatory TAG

EC Nonvoting members absent:

Standing Committee Chairs (Non EC members) not present:
Andrew Myles  Chair, IEEE 802 JTC1 Standing Committee
### Other Attendees

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Employer / Affiliation</th>
<th>Employer / Affiliation</th>
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</thead>
<tbody>
<tr>
<td>Andersdotter</td>
<td>Amelia</td>
<td>Article19</td>
<td>Article 19</td>
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<tr>
<td>Au</td>
<td>Edward</td>
<td>Huawei</td>
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<td>Bennett</td>
<td>Kathryn</td>
<td>IEEE</td>
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<td>Farkas</td>
<td>Janos</td>
<td>Ericsson</td>
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<tr>
<td>Goldberg</td>
<td>Jonathan</td>
<td>IEEE-SA</td>
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<td>Hamilton</td>
<td>Mark</td>
<td>Ruckus / Brocade</td>
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<tr>
<td>Kinney</td>
<td>Patrick</td>
<td>Kinney Consulting</td>
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<tr>
<td>Lingle</td>
<td>Robert</td>
<td>OFS</td>
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<td>John</td>
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<td>Newman</td>
<td>Adam</td>
<td>IEEE</td>
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<td>Riegel</td>
<td>Max</td>
<td>Nokia</td>
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<td>Rolfe</td>
<td>Benjamin</td>
<td>Blind Creek Associates</td>
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<td>Seaman</td>
<td>Mick</td>
<td>Mick Seaman</td>
<td>Mick Seaman</td>
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<tr>
<td>Slykhouse</td>
<td>Dawn</td>
<td>Face to Face Events, Inc.</td>
<td>Face to Face Events, Inc.</td>
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<tr>
<td>Stanley</td>
<td>Dorothy</td>
<td>HP Enterprise</td>
<td>HP Enterprise</td>
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</table>
Meeting called to order at 1:00pm by Chair, Paul Nikolich.

**Time: 1:00pm**

**URL:**

**Discussion:**

- 4.07 Should be “MI” not “ME”
- Take Item 7.085 out of order after “LMSC Internal Business”
- Rosdahl objected to Item 5.041 as being out of order for the meeting, as it was not posted 30 days in advance of the meeting.
  - Discussion of this objection occurred.
  - Chair ruled that Item 5.041 out of order, based on input from 2nd Vice Chair, as this was not in sync with our rules
  - There were no objections to chair’s ruling of Item being out of scope.
- 2nd 7.084 change to 7.086
- Thaler won’t be present for last Agenda Items.

*Motion #1 Move to approve the modified agenda

Moved    D'Ambrosia
Second   Rosdahl
Results  14-0-0
Motion   Passes

Reference Agenda Item #2.00

(Post Meeting – date listed on agenda corrected to 10 Nov 2017, additionally – agenda item times were corrected from posted V5)

<table>
<thead>
<tr>
<th>Time</th>
<th>Category</th>
<th>Title</th>
<th>Speaker</th>
<th>Duration</th>
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<tbody>
<tr>
<td>1:00</td>
<td>ME</td>
<td>MEETING CALLED TO ORDER</td>
<td>Nikolich</td>
<td>0:00</td>
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<tr>
<td>1:05</td>
<td>MI</td>
<td>APPROVE OR MODIFY AGENDA</td>
<td>Nikolich</td>
<td>0:10</td>
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<tr>
<td>1:15</td>
<td>II</td>
<td>Announcements from the Chair</td>
<td>Nikolich</td>
<td>0:10</td>
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<tr>
<td>1:25</td>
<td>II</td>
<td>LMSC Internal business</td>
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<td>1:40</td>
<td>II</td>
<td>Network Services report</td>
<td>Verilan</td>
<td>0:20</td>
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<td>1:45</td>
<td>II</td>
<td>IEEE 802 Leadership Meeting - July 2018</td>
<td>Nikolich/Rosdahl</td>
<td>0:15</td>
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<td>1:52</td>
<td>MI</td>
<td>Future Venue Adhoc Report and Motions</td>
<td>Rosdahl</td>
<td>0:05</td>
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<td>1:57</td>
<td>MI</td>
<td>Authorize travel to IEEE-SA Contracts Meeting</td>
<td>Rosdahl</td>
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<td>2:02</td>
<td>MI</td>
<td>Site and Network Validation Authorization</td>
<td>Rosdahl</td>
<td>0:05</td>
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<td>MI</td>
<td>Extension of Professional Conference Organizer Contract</td>
<td>Rosdahl</td>
<td>0:05</td>
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<td>2:12</td>
<td>MI</td>
<td>Governing Documents</td>
<td>Gilb</td>
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<td>2:17</td>
<td>II</td>
<td>WG11 Operations Manual Update</td>
<td>Stephens</td>
<td>0:05</td>
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<td>2:22</td>
<td>II</td>
<td>WG11 AANI Activities towards Submitting 802.11 to ITU-R as a RIT for IMT-2020</td>
<td>Stephens</td>
<td>0:05</td>
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<td>2:27</td>
<td>MI</td>
<td>To hibernate the IEEE 802.16 WG, as of the end of the March 2018 IEEE 802 Plenary</td>
<td>Marks</td>
<td>0:05</td>
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<tr>
<td>2:32</td>
<td>ME</td>
<td>IEEE 802.21-2017/C01 – D02</td>
<td>Das</td>
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<td>MI</td>
<td>IEEE 802.22</td>
<td>Mody</td>
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<td>ME</td>
<td>IEEE 802.1</td>
<td>Parsons</td>
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<tr>
<td>Time</td>
<td>Action</td>
<td>Description</td>
<td>Sponsor</td>
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<td>5.042</td>
<td>ME</td>
<td>IEEE 802.1Qcc to Sponsor Ballot</td>
<td>Parsons</td>
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<td></td>
<td>ME</td>
<td>Motion: Approve sending P802.1Qcc D2.0 to Sponsor Ballot</td>
<td>Parsons</td>
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<td></td>
<td>ME</td>
<td>Confirm the CSD for P802.1Qcc in <a href="http://www.ieee802.org/1/files/public/docs2013/new-p802_1qcc-draft-5c-0513-v2.pdf">http://www.ieee802.org/1/files/public/docs2013/new-p802_1qcc-draft-5c-0513-v2.pdf</a></td>
<td>Parsons</td>
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<td>ME</td>
<td>M: Parsons  S: Thaler</td>
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<td>5.043</td>
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<td>IEEE 802.1Qcp to Sponsor Ballot</td>
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<td>Motion: Approve sending P802.1Qcp D2.0 to Sponsor Ballot</td>
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<td>Confirm the CSD for P802.1Qcp in <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0157-00-ACSD-802-1qcp.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0157-00-ACSD-802-1qcp.docx</a></td>
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<td>M: Parsons  S: Thaler</td>
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<td>IEEE 802.1CM, TSN for Fronthaul, to Sponsor Ballot (conditional)</td>
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<td>5.045</td>
<td>ME</td>
<td>IEEE 802.1Qcn, VSI VDP Extension to Support NV03 , to Sponsor Ballot (conditional)</td>
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<td>5.05</td>
<td>ME</td>
<td>IEEE 802.3</td>
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<td>IEEE 802.15.1 to Sponsor Ballot for withdrawal</td>
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<td>ME</td>
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<td>IEEE 802.15.3f to RevCom</td>
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<td>IEEE 802.15.8, Peer Aware Communications, to RevCom</td>
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<td>5.08</td>
<td>ME</td>
<td>IEEE 802.16</td>
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<td>5.081</td>
<td>ME</td>
<td>IEEE 802.16 / Conformance 04-2006</td>
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<td>Motion: To initiate Sponsor Ballot for withdrawal of 802.16/Conformance04-2006</td>
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<td>M: Marks  S: Godfrey</td>
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<td>5.09</td>
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<td>IEEE 802.18</td>
<td>Kennedy</td>
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<td>5.11</td>
<td>Break</td>
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</table>
### 6.00 Executive Committee Study Groups, Working Groups, TAGs

| 6.04 | IEEE 802.21 | Das | 03:33 PM |
| 6.02 | IEEE 802.22 | Mody | 03:33 PM |
| 6.03 | IEEE 802.24 | Godfrey | 03:33 PM |
| 6.04 | IEEE 802.1 | Parsons | 03:33 PM |
| 6.05 | IEEE 802.3 | | 03:33 PM |

| 6.051 | MI Study Group Formation - 10 Mb/s Backplane Ethernet | Law | 3 03:33 PM |
| 6.052 | MI Study Group Formation - Beyond 10km Optical PHYs for 50Gb/s, 100 Gb/s, 200Gb/s, and 400 Gb/s Ethernet | Law | 3 03:36 PM |
| 6.053 | MI Study Group Formation - 100 Gb/s per Lane for Electrical Interfaces and Electrical PHYs | Law | 3 03:39 PM |
| 6.054 | MI Study Group Formation - Next-generation 200 Gb/s and 400 Gb/s MMF PHYs | Law | 3 03:42 PM |
| 6.055 | MI Study Group Formation - Beyond 10km Optical PHYs for 50Gb/s, 200Gb/s, and 400 Gb/s Ethernet (1st Rechartering) | Law | 3 03:45 PM |
| 6.056 | MI Industry Connections - New Ethernet Applications, Annual Update | Law / Dambrosia | 3 03:48 PM |
| 6.06 | IEEE 802.11 | | 03:51 PM |
| 6.061 | MI Light Communications Study Group (1st Rechartering) | Stephens | 2 03:51 PM |
| 6.07 | IEEE 802.15 | Heile | 03:53 PM |
| 6.071 | MI Study Group Formation - Security Next Generation (SECN) | Heile | 3 03:53 PM |
| 6.072 | MI Study Group Formation - Low Power Wide Area (LPWA) | Heile | 3 03:56 PM |
| 6.08 | IEEE 802.16 | Marks | - 03:59 PM |
| 6.09 | II IEEE 802.18 Regulatory Report | Holcomb | 3 03:59 PM |
| 6.10 | IEEE 802.19 | Shellhammer | - 04:02 PM |

### 7.00 LMSC Liaisons and External Communications

| 7.01 | ME IEEE 802.21 | | 04:02 PM |
| 7.02 | IEEE 802.21-2017/Cor1 - to ISO/IEC JTC/SC6 | Das | 3 04:02 PM |
| 7.03 | IEEE 802.22 | | 04:05 PM |
| 7.021 | ME IEEE 802.22b Response to the China NB for the ISO/IEC/JTC1 FDIS Ballot | Mody | 3 04:05 PM |
| 7.031 | - IEEE 802 | Nikolich | - 04:08 PM |
| 7.04 | - IEEE 802.24 | Godfrey | - 04:08 PM |
| 7.05 | - IEEE 802.1 | | 04:08 PM |

### 7.051 ME* Liaison to IETF IS-IS WG


M: Parsons S: Thaler | Parsons | 0 04:08 PM |
| 7.052 | ME* | Liaison to ISO/IEC JTC1/SC6  
Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:  
M: Parsons  
S: Thaler | Parsons | 0 | 04:08 PM |
| 7.053 | ME* | Liaison to ISO/IEC JTC1/SC6  
Motion: Approve submission of the following project(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement  
- 802c-2017  
M: Parsons  
S: Thaler | Parsons | 0 | 04:08 PM |
| 7.054 | ME* | Liaison to ISO/IEC JTC1/SC6  
Motion: Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement  
- P802.1CM D2.0  
M: Parsons  
S: Thaler | Parsons | 0 | 04:08 PM |
| 7.056 | II | Liaison response to NGMN - Xhaul  
Liaison response to BBF - CFM OAM YANG  
Liaison response to ITU-T SG15 LS68 – CFM OAM YANG  
Liaison response to EtherCAT  
- Liaison to WFA | Parsons | 3 | 04:08 PM |
| 7.055 | ME | Liaison response from IEEE 802 to WBA | Parsons | 3 | 04:11 PM |
| 7.06 | IEEE 802.3 | | | | 04:14 PM |
| 7.061 | ME | Liaison to ISO/IEC JTC1 SC6: China NB  
Motion: Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the China NB comment on the IEEE Std 802.3bw-2015 FDIS ballot at the URL [https://mentor.ieee.org/802ec/dcn/17/ec-17-0210-00-00EC-china-nb-comment-on-ieee-std-8023bw-2015-fdis-ballot.pdf](https://mentor.ieee.org/802ec/dcn/17/ec-17-0210-00-00EC-china-nb-comment-on-ieee-std-8023bw-2015-fdis-ballot.pdf) granting the IEEE 802.3 Chair (or his delegate) editorial license  
M: Healey  
S: D’Ambrosia | Healey | 0 | 04:14 PM |
| 7.07 | IEEE 802.11 | | | | 04:14 PM |
| 7.071 | ME | Press Release Approval - Light Communications Study Group | Stephens | 3 | 04:14 PM |
| 7.072 | II | Liaisons to NGMN and IEEE 5G | Stephens | 2 | 04:17 PM |
| 7.073 | II | IEEE 802.11 Response to FCC NOI | Stephens | 5 | 04:19 PM |
| 7.074 | ME | Liaison to WBA, on use of OUIs | Stephens | 3 | 04:24 PM |
| 7.08 | IEEE 802.15 | | | | 04:27 PM |
| 7.081 | II | IEEE 802.15 Response to FCC NOI | Heile | 3 | 04:27 PM |
| 2.09 | ME | IEEE 802.16 | Marks | - | 04:30 PM |
| 7.10 | IEEE 802.18 | | | | 04:30 PM |
| 7.101 | ME | Approve proposed IEEE-SA Spectrum Position Statement to IEEE- Standards Association Strategic Planning Coordination Committee | Holcomb | 3 | 04:30 PM |
| 7.11 | IEEE 802.19 | | | | 04:33 PM |
| 7.111 | ME* | IEEE 802.19.1a  
Motion: “The executive committee approves the P802.19.1a draft press release in [https://mentor.ieee.org/802-ec/dcn/17/ec-17-0204-00-00EC-p802-19-1a-draft-press-release.docx](https://mentor.ieee.org/802-ec/dcn/17/ec-17-0204-00-00EC-p802-19-1a-draft-press-release.docx), and allows IEEE-SA staff to make editorial changes as necessary.”  
M: Shellhammer  
S: Das | Shellhammer | 0 | 04:33 PM |
<p>| 8.00 | Information Items | | | | 04:33 PM |
| 8.01 | II | IEEE 802 / SA Task Force Report | Nikolich | 10 | 04:33 PM |
| 8.02 | II | IEEE SA Staff Reports | | 3 | 04:43 PM |</p>
<table>
<thead>
<tr>
<th>8.03</th>
<th>Standing Committee Reports</th>
<th>04:46 PM</th>
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<tr>
<td>8.032</td>
<td>II 802 / ITU SC Report</td>
<td>Parsons 5 04:51 PM</td>
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<td>8.033</td>
<td>II 802 / IETF SC Report</td>
<td>Thaler 0 04:56 PM</td>
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<td>8.034</td>
<td>II Regulatory report</td>
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<td>Officers Reports</td>
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<tr>
<td>8.041</td>
<td>II 1st Vice Chair Report</td>
<td>Thaler 0 04:56 PM</td>
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<td>8.042</td>
<td>II 2nd Vice Chair Report</td>
<td>Gilb 0 04:56 PM</td>
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<td>8.043</td>
<td>II Treasurer’s Report</td>
<td>Chaplin / Rosdahl 5 04:56 PM</td>
</tr>
<tr>
<td>8.044</td>
<td>II Executive secretary report</td>
<td>Rosdahl 0 05:01 PM</td>
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<tr>
<td>8.045</td>
<td>II Recording Secretary Report</td>
<td>D’Ambrosia 0 05:01 PM</td>
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<td>8.046</td>
<td>II* Appeals report - No items to report</td>
<td>D’Ambrosia 0 05:01 PM</td>
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<td>8.05</td>
<td>II Announcement of 802 EC Interim Telecon (Tuesday 6 Feb 2018, 1-3pm ET)</td>
<td>Rosdahl 3 05:01 PM</td>
</tr>
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</table>

| 9.00 | ADJOURN SEC MEETING | Nikolich 0 06:00 PM |
Chair noted the following EC members would be departing early - Thaler, Heile, Das, Canchi.

Adam Healey is sitting in for David Law, who won’t be present at the start of the meeting. It was noted that the final agenda would be updated to reflect order of agenda items.

Chair announced that pictures would be permitted for the next item. Award was given to meeting facilitator Donna Ferguson in honor of 30 years of service (this was her 90th meeting). Donna was given a standing ovation by the EC and all in the room.

Geoff Thompson spoke in memory of George Eisler, who passed on May 25, 2017. See https://mentor.ieee.org/802-ec/dcn/17/ec-17-0213-01-00EC-george-eisler-obituary.pdf. There was a moment of silence.

Reid Kelles gave verbal update of network. See attached document ec-17-0219-00-00EC-network-report-nov-2017-plenary-orlando.pdf. It was noted that there was a power outage that took the network down in certain areas.

Rodsahl presented Slide #22 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf.

Straw Poll – EC Members preference for leadership meeting

July 7th - 3
July 14th – 9
**4.03** | Future Venue Adhoc Report and Motions | Rosdahl | 3 | 01:48 PM
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**Time:** 1:36pm

Rosedahl presented Slides 24, 25 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf

David Law arrived at 1:40pm, and took over representing IEEE 802.3.

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**4.031** | MI | Authorize travel to IEEE-SA Contracts Meeting | Rosdahl | 4 | 01:51 PM
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**Time:** 1:44

Rosedahl displayed Slide #26 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf and gave verbal overview.

| * Motion #2 | Move to authorize Bob Heile to spend up to $750 for him to attend the Contracts meeting 4th Dec 2017 in Piscataway, NJ (plus RevCom and NesCom as long as he is there – held concurrently on the 5th of Dec.) |
| Moved | Rosdahl |
| Second | Stephens |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | 4.031 |

---

**4.032** | MI | Site and Network Validation Authorization | Rosdahl | 4 | 01:55 PM
---

Rosedahl displayed Slide #27 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf.

| * Motion #3 | Authorize expenses not to exceed $4500 for a mtg space and a network site qualification at the Le Centre Sheraton Hotel in Montreal, Quebec, CA. Bob Heile and a Network Engineer will fly up on the 29th and perform the site visit on the 30th and report back. |
| Moved | Rosdahl |
| Second | Stephens |
| Results | Motion passes by voice vote without opposition. |
| Motion | Passes |
| Reference | 4.032 |

---

**4.033** | MI | Extension of Professional Conference Organizer Contract | Rosdahl | 4 | 01:59 PM
---

Rosedahl presented slide #28 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf and gave verbal overview.

| * Motion #4 | Authorize the issuance of an IEEE conformant MSA agreement for Face to Face Events for PCO services for 2019 – 2023. (Review Gilb) |
| Moved | Rosdahl |
| Second | Stephens |
| Results | Motion passes by voice vote without opposition |
| Motion | Passes |
| Reference | 4.033 |
Gilb discussed the plan for rule changes for the next year.

- Update 802 P&P using the new baseline –
- Add dominance remedy Update 802 WG P&P to use the new baseline
- Proposed changes to the OM
  - Add rules for ICAID submission
  - Change to public statements and clarify

**Action Item – Gilb - update P&P using new baseline (plus dominance remedy text)**
**Action Item – Gilb - update OM (ICAID and Public Statement)**

Stephens notified the EC that 802.11 had upgraded its Operations Manual.

Stephens noted that based on the straw polls of the given tutorial on Monday night, that 802.11 was initiating activities to develop 'Radio Interface Technology (RIT) for submission to IMT-2020.'

Marks presented [attached presentation ec-17-0203-00.pdf](#).

* Motion #5 To hibernate the IEEE 802.16 WG, as of the end of the March 2018 IEEE 802 Plenary
  Moved Marks
  Second Godfrey
  Results Motion passes by voice vote without opposition
  Motion Passes
  Reference 4.07

Parsons presented attached presentation slide 20 from [attached presentation ec-17-0214-03-00EC-802-1-agenda-items-november-2017.pdf](#).

* Motion #6 Approve [https://mentor.ieee.org/802ec/dcn/17/ec-17-0208-04-00EC-draft-responseto-wba-liaison.docx](https://mentor.ieee.org/802ec/dcn/17/ec-17-0208-04-00EC-draft-responseto-wba-liaison.docx) as communication to Wireless Broadband Alliance granting the IEEE LMSC chair (or his delegate) editorial license.
  Moved Parsons
  Second Thaler
  Results Motion passes by voice vote without opposition
  Motion Passes
  Reference 7.085
<table>
<thead>
<tr>
<th>5.00</th>
<th>IEEE Standards Board and Sponsor Ballot Items</th>
<th>02:19 PM</th>
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<tbody>
<tr>
<td>5.01</td>
<td>IEEE 802.20 -</td>
<td>02:19 PM</td>
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<tr>
<td>5.02</td>
<td>IEEE 802.21</td>
<td>02:19 PM</td>
</tr>
<tr>
<td>5.021</td>
<td>ME*</td>
<td>IEEE 802.21-2017/Cor1 – D02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approve submission of the following Draft to ISO/IEC JTC/SC6 for information under the PSDO agreement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>M: Das</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S: Shellhammer</td>
</tr>
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<td></td>
<td><strong>Approved with approval of agenda.</strong></td>
</tr>
</tbody>
</table>

| 5.03 | -   | IEEE 802.22                                 | 02:19 PM |
| 5.04 | IEEE 802.1                                 | 02:19 PM |
| 5.042 | ME*  | IEEE 802.1Qcc to Sponsor Ballot             | 02:19 PM |
|       |      | Motion: Approve sending P802.1Qcc D2.0 to Sponsor Ballot |         |
|       |      | Confirm the CSD for P802.1Qcc in http://www.ieee802.org/1/files/public/docs2013/new-p802-1qcc-draft-5c-0513-v2.pdf |         |
|       |      | M: Parsons                                  | 0       |
|       |      | S: Thaler                                   | 02:19 PM |
|       |      | **Approved with approval of agenda.**      |         |

| 5.043 | ME*  | IEEE 802.1Qcp to Sponsor Ballot             | 02:19 PM |
|       |      | Motion: Approve sending P802.1Qcp D2.0 to Sponsor Ballot |         |
|       |      | Confirm the CSD for P802.1Qcp in https://mentor.ieee.org/802-ec/dcn/17/ec-17-0157-00-ACSD-802-1qcp.docx |         |
|       |      | M: Parsons                                  | 0       |
|       |      | S: Thaler                                   | 02:19 PM |
|       |      | **Approved with approval of agenda.**      |         |

| 5.044 | ME   | IEEE 802.1CM, TSN for Fronthaul, to Sponsor Ballot (conditional) | 02:19 PM |
|       |      | Parsons                                      | 3       |

**Time: 2:20pm**

Parsons presented slides 4-8 of attached presentation ec-17-0214-03-00EC-802-1-agenda-items-november-2017.pdf.

**Motion #7**

Conditionally approve sending P802.1CM D2.0 to Sponsor Ballot

Confirm the CSD for P802.1CM in https://mentor.ieee.org/802-ec/dcn/15/ec-15-0073-00-ACSD-802-1cm.pdf

Moved

Parsons

Second

Thaler

Results

Motion passes by voice vote without opposition

Motion

Passes

Reference

5.044

**Time: 2:23pm**

Parsons presented slides 9-11 of attached presentation ec-17-0214-03-00EC-802-1-agenda-items-november-2017.pdf.

At Chair’s request, acronyms were expanded.
* Motion #8  Conditionally approve sending P802.1Qcn* to Sponsor Ballot
Confirm the CSD for P802.1Qcn in [https://mentor.ieee.org/802-ec/dcn/15/ec-15-0072-00-ACSD802-1qcn.pdf](https://mentor.ieee.org/802-ec/dcn/15/ec-15-0072-00-ACSD802-1qcn.pdf)
Moved             Parsons
Second            Thaler
Results           Motion passes by voice vote without opposition
Motion            Passes
Reference         5.045

5.05 | IEEE 802.3 | IEEE 802.3 | 02:25 PM
--- | --- | --- | ---
5.051 | ME* | IEEE 802.3cj, Maintenance #12 (Revision), to Sponsor Ballot
Motion: Approve sending IEEE P802.3 (IEEE 802.3cj) to sponsor ballot
M: Healey S: D’Ambrosia | Healey | 0 | 02:25 PM

Approved with approval of agenda.

5.052 | ME | IEEE 802.3cd to Sponsor Ballot | Law | 3 | 02:25 PM

Time: 2:29pm

Law presented slides 2-5 from attached presentation [ec-17-0176-01-00EC.ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0060-02-ACSD-802-3cd.pdf)

* Motion #9  Approve sending IEEE P802.3cd to sponsor ballot
Approve CSD documentation in [https://mentor.ieee.org/802-ec/dcn/16/ec-16-0060-02-ACSD-802-3cd.pdf](https://mentor.ieee.org/802-ec/dcn/16/ec-16-0060-02-ACSD-802-3cd.pdf)
Moved             Law
Second            D’Ambrosia
Results           Motion passes by voice vote without opposition
Motion            Passes
Reference         5.052

5.06 | IEEE 802.11 | 02:28 PM
--- | --- | ---
5.061 | ME | IEEE 802.11ax PAR Modification to NesCom | Stephens | 3 | 02:28 PM


* Motion #10
- Approve forwarding P802.11ax PAR modification documentation in [https://mentor.ieee.org/802.11/dcn/17/11-17-0913-02-00ax-par-modification-to-support-6ghz-band.docx](https://mentor.ieee.org/802.11/dcn/17/11-17-0913-02-00ax-par-modification-to-support-6ghz-band.docx)
- Approve CSD modification documentation in [https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew.ieee-802-11-hew-sg-proposed-csd.docx](https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew.ieee-802-11-hew-sg-proposed-csd.docx)
Moved             Stephens
Second            Rosdahl
Results           Motion passes by voice vote without opposition
Motion            Passes
Reference         5.061
Time 2:36pm

Stephens presented Slide #26 from attached presentation 11-17-1560-04-0000-november-2017-wg-motions.pdf

* Motion #11

- Approve forwarding P802.11az PAR modification documentation in https://mentor.ieee.org/802.11/dcn/17/11-17-1319-01-00az-p802-11az-par-modification.pdf to NesCom
- Approve CSD modification documentation in https://mentor.ieee.org/802.11/dcn/17/11-17-1318-00-00az-ieee-802-11az-ngp-csd-update.docx

Moved Stephens
Second Rosdahl
Results Motion passes by voice vote without opposition
Motion Passes
Reference 5.062

Time 2:37pm

Stephens presented Slide #27 from attached presentation 11-17-1560-04-0000-november-2017-wg-motions.pdf

Stephens presented attached presentation 11-17-1045-04-00aq-p802-11aq-report-to-ec-on-conditional-approval-to-forward-draft-to-revcom.pdf

* Motion #12

- Conditionally approve sending P802.11aj to RevCom.
- Approve 5C documentation in https://mentor.ieee.org/802-ec/dcn/17/ec-17-0071-00-ACSD-802-11aj.doc

Moved Stephens
Second Rosdahl
Results Motion passes by voice vote without opposition
Motion Passes
Reference 5.063

Time 2:39pm

Stephens presented Slide #28 attached presentation 11-17-1560-04-0000-november-2017-wg-motions.pdf

Stephens presented attached presentation 11-17-1045-04-00aq-p802-11aq-report-to-ec-on-conditional-approval-to-forward-draft-to-revcom.pdf

Discussion regarding the motion occurred - Question regarding if the complete package had been sent to the EC. It was noted that there was no requirement for the comments to be sent out, but that members of the EC could request that the comments be reviewed. It was requested that comments be reviewed.
* Motion #13
  • Conditionally approve sending P802.11aq to RevCom also conditional on P802.11aj and P802.11ak satisfying the requirements to proceed to RevCom
  • Approve SC documentation in https://mentor.ieee.org/802.11/dcn/12/11-12-1137-06-0pad-draft-8c-proposal.doc

  Moved: Stephens
  Second: Rosdahl
  Results: Overtaken by Motion #13

  Motion: Reference 5.064

* Motion #14
  Motion to Table Motion #12

  Moved: Thaler
  Second: Marks
  Results: 8-3-3
  Motion: Passes

  Reference 5.064

5.065  ME  IEEE 802.11aq Waiver to RevCom  Stephens  10 02:47 PM
As Motion supporting 5.064 was tabled, Stephens decided to not make motion in support of this agenda item.

5.07  ME  IEEE 802.15  

5.071  ME  IEEE 802.15.1 to Sponsor Ballot for withdrawal  Heile  3 02:57 PM

Time: 3:25pm

Heile presented slide #10 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10 Marks noted some challenges of executing this item.

* Motion #15
  Motion: Request EC approval to start a Sponsor Ballot to withdraw 802.15.1 current revision.

  Moved: Heile
  Second: Gilb
  Results: Passes by voice vote without objection

  Motion: Passes

  Reference 5.071

5.072  ME  IEEE 802.15.2 to Sponsor Ballot for withdrawal  Heile  3 03:00 PM

Heile presented slide #11 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10.

* Motion #16
  Motion: Request EC approval to start a Sponsor Ballot to withdraw 802.15.2 current revision.

  Moved: Heile
  Second: Gilb
  Results: Passes by voice vote without objection

  Motion: Passes

  Reference 5.072
<table>
<thead>
<tr>
<th>Time</th>
<th>ME</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.073</td>
<td>Heile</td>
<td>Move that the 802 EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Approve forwarding 802.15.10a PAR documentation in <a href="https://mentor.ieee.org/802.15/dcn/17/15-17-0565-01-0000-802-15-10a-par.pdf">https://mentor.ieee.org/802.15/dcn/17/15-17-0565-01-0000-802-15-10a-par.pdf</a> to NesCom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Approve CSD documentation in <a href="https://mentor.ieee.org/802.15/dcn/17/15-17-0566-01-0000-802-15-10a-csd.docx">https://mentor.ieee.org/802.15/dcn/17/15-17-0566-01-0000-802-15-10a-csd.docx</a></td>
</tr>
<tr>
<td>5.074</td>
<td>Heile</td>
<td>Move that the 802 EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Approves submitting P802.15.3f/D01 to RevCom.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Confirms the CSD: <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0072-00-ACSD-802-15-3f.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0072-00-ACSD-802-15-3f.docx</a></td>
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<tr>
<td>5.075</td>
<td>Heile</td>
<td>Move that the 802 EC</td>
</tr>
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<td></td>
<td></td>
<td>• Approves submitting P802.15.4s/D07 to RevCom.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Confirms the CSD: <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0163-00-ACSD-802-15-4s.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0163-00-ACSD-802-15-4s.docx</a></td>
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<tr>
<td>5.076</td>
<td>Heile</td>
<td>Move that the 802 EC</td>
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<td></td>
<td></td>
<td>• Approves submitting P802.15.4-2015/Cor 1 (conditional) to RevCom.</td>
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<td>• Confirms the CSD: <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0163-00-ACSD-802-15-4s.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0163-00-ACSD-802-15-4s.docx</a></td>
</tr>
</tbody>
</table>

IEEE 802 Nov 2017 Plenary  
ec-17-0167-01-00EC
Heile presented slide #25-29 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10.

| * Motion #20 | Conditionally approve sending d3p802.15.4-2015-Cor-1-2017draft (or latest revision) to RevCom. |
| Moved | Heile |
| Second | Gilb |
| Results | Passes by voice vote without objection |
| Motion | Passes |
| Reference | 5.076 |

5.077 ME IEEE 802.15.8, Peer Aware Communications, to RevCom Heile 3 03:15 PM

Heile presented slide #30-36 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10.

| * Motion #21 | Move that the 802 EC – Approves submitting P802.15.8/D06 to RevCom. – Confirms the SC: https://mentor.ieee.org/802.15/dcn/12/15-12-0158-00-0pac-draft-pac-five-criteria.rtf |
| Moved | Heile |
| Second | Gilb |
| Results | Passes by voice vote without objection |
| Motion | Passes |
| Reference | 5.077 |

Chair asked if there was any opposition to hearing items (out of order) from those individuals who have to leave. There were no objections.

6.071 MI Study Group Formation - Security Next Generation (SECN) Heile 3 03:53 PM

Heile presented slide #3-5 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10.

| * Motion #22 | MOTION: Approve the formation of an 802.15, Security Next Generation (SECN), study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for adding AES-256 support (minimally) to IEEE 802.15.4-2015 and, if the existing Auxiliary Security Header cannot easily be modified to support the addition of AES-256, the Study Group will create an alternative means, likely via the addition of Information Elements, to provide the ability to add AES-256 plus add the ability to negotiate the use of other security cipher suites and key lengths. |
| Moved | Heile |
| Second | Gilb |
| Results | Passes by voice vote without objection |
| Motion | Passes |
| Reference | 6.071 |

6.072 MI Study Group Formation - Low Power Wide Area (LPWA) Heile 3 03:56 PM

Time:3:38
Heile presented slide #6-8 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10.

**Motion #23**

MOTION: Approve the formation of an 802.15, Low Power Wide Area (LPWA), study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for a very low payload bit-rate (e.g. <30kBit/s) amendment to 15.4 in license exempt frequency bands and able to operate with significantly increased robustness in presence of interference from other users in these bands. Analyses presented in the LPWA Interest Group have shown that significant performance gains are possible.

Moved

Heile

Second

Gilb

Results

Passes by voice vote without objection

Motion

Passes

Reference

6.072

Time: 3.41pm

7.081  H  IEEE 802.15 Response to FCC NOI  Heile  3  04:27 PM

Heile presented slide #37 from attached presentation 15-17-0663-01-0000_802.15 Items for EC Approval in MCO 2017-11-10.

7.02  IEEE 802.21-2017/Cor1 - to ISO/IEC JTC/SC6  Das  3  04:02 PM

This agenda item is a mistake and should be removed. This is a duplicate of Item 5.021.

5.11  Break  15  03:18 PM

Break at 3:46pm

Reconvened at 4:00pm

Thaler, Das, Canchi, Heile left meeting at approximately 4:00pm.

5.08  IEEE 802.16

5.081  ME*  IEEE 802.16 / Conformance 04-2006

Motion: To initiate Sponsor Ballot for withdrawal of 802.16/Conformance04-2006

M: Marks  S: Godfrey

Approved with approval of agenda.
Law presented slides 6 – 7 from attached presentation ec-17-0176-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf.

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<td>IEEE 802.24</td>
<td>Godfrey</td>
<td>-</td>
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<td>6.04</td>
<td>-</td>
<td>IEEE 802.1</td>
<td>Parsons</td>
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<td>6.05</td>
<td>IEEE 802.3</td>
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<tr>
<td>6.051</td>
<td>MI</td>
<td>Study Group Formation - 10 Mb/s Backplane Ethernet</td>
<td>Law</td>
<td>3</td>
</tr>
</tbody>
</table>

* Motion #24

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group within IEEE 802.3 to develop PAR and CSD modification to IEEE P802.3cg to add 10 Mb/s Backplane Ethernet to that project.

Moved

Law

Second

D'Ambrosia

Results

Approved by voice vote without objection

Motion

passes

Reference

6.051

Law presented slides 8 – 9 from attached presentation ec-17-0176-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf.

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<tbody>
<tr>
<td>6.052</td>
<td>MI</td>
<td>Study Group Formation - Beyond 10km Optical PHYs for 50Gb/s, 100 Gb/s, 200Gb/s, and 400 Gb/s Ethernet</td>
<td>Law</td>
<td>3</td>
</tr>
</tbody>
</table>

* Motion #25

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group to develop a PAR and CSD responses for beyond 10 km Optical PHYs for 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Ethernet within IEEE 802.3.

Moved

Law

Second

D'Ambrosia

Results

Approved by voice vote without objection

Motion

passes

Reference

6.052

Law presented slides 10-11 from attached presentation ec-17-0176-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf. It was requested by the EC Chair that a definition for lane be provided. The recording secretary rolled his eyes.

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<tbody>
<tr>
<td>6.053</td>
<td>MI</td>
<td>Study Group Formation - 100 Gb/s per Lane for Electrical Interfaces and Electrical PHYs</td>
<td>Law</td>
<td>3</td>
</tr>
</tbody>
</table>

* Motion #26

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group to develop a PAR and CSD responses for 100 Gb/s per Lane for Electrical Interfaces and Electrical PHYs within IEEE 802.3.

Moved

Law

Second

D'Ambrosia

Results

Approved by voice vote without objection

Motion

passes

Reference

6.053

Law presented slides 10-11 from attached presentation ec-17-0176-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf. It was requested by the EC Chair that a definition for lane be provided. The recording secretary rolled his eyes.

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<tbody>
<tr>
<td>6.054</td>
<td>MI</td>
<td>Study Group Formation - Next-generation 200 Gb/s and 400 Gb/s MMF PHYs</td>
<td>Law</td>
<td>3</td>
</tr>
</tbody>
</table>
Law presented slides 12-13 from attached presentation ec-17-0176-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf.

| * Motion #27 | The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group within IEEE 802.3 to develop a PAR and CSD responses for next-generation 200 Gb/s and 400 Gb/s PHYs over fewer MMF pairs than in existing Ethernet projects and standards |
| Moved       | Law                                               |
| Second      | D’Ambrosia                                        |
| Results     | Approved by voice vote without objection         |
| Motion      | passes                                            |
| Reference   | 6.054                                             |

| 6.055       | MI | Study Group Formation - Beyond 10km Optical PHYs for 50Gb/s, 200Gb/s, and 400 Gb/s Ethernet (1st Rechartering) | Law | 3 | 03:45 PM |

Based on Item #6.052, Law did not make the motion supporting this agenda item.

| 6.056       | MI | Industry Connections - New Ethernet Applications, Annual Update | Law / Dambrosia | 3 | 03:48 PM |
| Time: 4:10pm |

D’Ambrosia presented Slides 16-17 from attached presentation ec-17-0176-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-10th-november-2017.pdf. No motion was made, as this was an informative item.

| 6.06        | IEEE 802.11                                      |                                | 03:51 PM |
| 6.061       | MI | Light Communications Study Group (1st Rechartering) | Stephens | 2 | 03:51 PM |


| * Motion #28 | Approve first recharter of the LC Study Group |
| Moved       | Stephens                                        |
| Second      | Rosdahl                                         |
| Results     | Approved by voice vote without objection       |
| Motion      | Passes                                          |
| Reference   | 6.061                                           |

| 6.08        | - | IEEE 802.16                                      | Marks | - | 03:59 PM |
| 7.03        | IEEE 802.22                                    |                                | 04:05 PM |
| 7.021       | ME | IEEE 802.22b Response to the China NB for the ISO/IEC/JTC1 FDIS Ballot | Mody | 3 | 04:05 PM |

Mody presented attached presentation from 22-17-0091-01-0000-EC-Closing-Motions-Package.pdf. It was noted that the file needed updated, which impacted the file noted in the motion, which resulted in revising the file initially in the motion. It was requested that this be moved to EC Ballot.

**Action – Mody - Postpone “IEEE 802.22b Response to the China NB for the ISO/IEC/JTC1 FDIS Ballot to EC email ballot.**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Motion</th>
<th>Approved by</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.051</td>
<td>ME</td>
<td>Liaison to IETF IS-IS WG</td>
<td>Motion: Approve sending the liaison response on LLC Encapsulation EtherType to IETF IS-IS WG - <a href="http://www.ieee802.org/1/files/public/docs2017/liaison-IETF-llc-encap-0717-v03.pdf">http://www.ieee802.org/1/files/public/docs2017/liaison-IETF-llc-encap-0717-v03.pdf</a></td>
<td>Parsons</td>
<td>04:08 PM</td>
</tr>
<tr>
<td>7.052</td>
<td>ME</td>
<td>Liaison to ISO/IEC JTC1/SC6</td>
<td>Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement - 802c-2017</td>
<td>Parsons</td>
<td>04:08 PM</td>
</tr>
<tr>
<td>7.053</td>
<td>ME</td>
<td>Liaison to ISO/IEC JTC1/SC6</td>
<td>Motion: Approve submission of the following project(s) to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement - P802.1CM D2.0</td>
<td>Parsons</td>
<td>04:08 PM</td>
</tr>
<tr>
<td>7.054</td>
<td>ME</td>
<td>Liaison to ISO/IEC JTC1/SC6</td>
<td>Motion: Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement - P802.1CM D2.0</td>
<td>Parsons</td>
<td>04:08 PM</td>
</tr>
</tbody>
</table>
| 7.056 | H       | Liaison response to NGMN - Xhaul                                      | Liaison response to BBF - CFM OAM YANG  
Liaison response to ITU-T SG15 LS68 - CFM OAM YANG  
Liaison response to EtherCAT  
Liaison response to PI  
Liaison response to WFA                                                                                           | Parsons           | 04:08 PM |
| 7.06  |         | Liaison to ISO/IEC JTC1 SC6: China NB                                  | Motion: Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the China NB comment on the IEEE Std 802.3bw-2015 FDIS ballot at the URL https://mentor.ieee.org/802ec/dcn/17/ec-17-0210-00-00EC-china-nb-comment-on-ieee-std-8023bw-2015-fdis-ballot.pdf granting the IEEE 802.3 Chair (or his delegate) editorial license | Healey            | 04:14 PM |

Time: 4:30pm

Parsons presented slides 13 – 18 from attached presentation ec-17-0214-03-00EC-802-1-agenda-items-november-2017.pdf.
Time: 4:35pm

Stephens showed slide #31 from attached presentation 11-17-1560-04-0000-november-2017-wg-motions.pdf.

| * Motion #29 | Approve the 802.11 Light Communications Study Group press release in https://mentor.ieee.org/802.11/dcn/17/11-17-1589-01-00lc-sg-press-release.docx |
| Moved        | Stephens |
| Second       | Rosdahl  |
| Results      | Approved by voice vote without objections |
| Motion       | passes   |
| Reference    | 7.071    |

7.072  H  Liaisons to NGMN and IEEE 5G  Stephens  2  04:17 PM


7.073  H  IEEE 802.11 Response to FCC NOI  Stephens  5  04:19 PM


7.074  ME  Liaison to WBA, on use of OUIs  Stephens  3  04:24 PM


This was covered by Item 7.055, so Stephens did not make a motion for this item.

Time: 4:42pm

Holcomb presented attached presentation ec-17-0209-01-00EC-rr-tag-closing-report-orlando-mco-nov-2017.pdf

Chair noted that Item 8.01 be considered at this time, and asked if any objections to moving up Item 8.01. No objections

8.01  H  IEEE 802 / SA Task Force Report  Nikolich  10  04:33 PM


Adam Newman gave verbal update on Open Source.

Chair noted that Parsons was appointed 802 lead on IEEE Open Source activity. Parsons noted that there would be meetings to establish YANG consistency across 802.

Individuals noted their “intimacy” with software tools. Interaction with tool was discussed. Other individuals wanted to know how to get involved, but previously it has been filtered through a single individual. No process for involving more individuals is available.

Stephens volunteered to be a single point of contact to interact with Newman. Chair appointed Stephens to be point of contact.

It was noted that Goldberg would be developing a sign-in sheet template and develop training deck for declaration of affiliation.

Gilb declared his affiliation –
- General Atomics Aeronautical Systems Inc.
- University of San Diego
- Gilb Consulting

**Action Item - Stephens to be the single point of contact for interacting with Newman on next gen myballot/tools**

### 7.101

<table>
<thead>
<tr>
<th>ME</th>
<th>Approve proposed IEEE-SA Spectrum Position Statement to IEEE- Standards Association Strategic Planning Coordination Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holcomb</td>
<td>3</td>
</tr>
</tbody>
</table>

Time: 5:11pm

Holcomb presented attached presentation ec-17-0211-00-00EC-motion-ieee-sa-position-statement-revision-from-802-18.pdf.

* Motion #30

Moved by Holcomb
Second by Shellhammer
Results: Approved by voice vote without objection

Reference 7.101

### 7.11

<table>
<thead>
<tr>
<th>IEEE 802.19</th>
<th>Shellhammer</th>
<th>04:33 PM</th>
</tr>
</thead>
</table>

**Motion:** "The executive committee approves the P802.19.1a draft press release in https://mentor.ieee.org/802-ec/dcn/17/ec-17-0204-00-00EC-p802-19-1a-draft-press-release.docx, and allows IEEE-SA staff to make editorial changes as necessary."

M: Shellhammer S: Das

Approved with approval of agenda.

### 8.00

<table>
<thead>
<tr>
<th>Information Items</th>
<th>04:33 PM</th>
</tr>
</thead>
</table>

### 8.02

| IEEE SA Staff Reports | 3 | 04:33 PM |

No update
8.03 | Standing Committee Reports
---|---


| * Motion #31 | The IEEE 802 EC approves the execution of necessary processes that result in the withdrawal of ISO/IEC TR 8802-1:2001, ISO/IEC 15802-1:1995, ISO/IEC 15802-3:1998, and appoint Andrew Myles, 802/JTC1 Standing Committee Chair, to fulfill the above task. |
| Moved | Parsons |
| Second | Gilb |
| Results | 9-0-2 |
| Motion | Passes |
| Reference | 8.031 |

| * Motion #32 | The IEEE 802 EC approves the execution of necessary processes that result in the withdrawal of 802.5 based ISO/IEC standards, and appoint Andrew Myles, 802/JTC1 Standing Committee Chair, to fulfill the above task. |
| Moved | Gilb |
| Second | Rosdahl |
| Results | 11-0-0 |
| Motion | Passes |
| Reference | 8.031 |


Thaler gave verbal update. Discussion on the IETF request for YANG for Ethertype listing was held during the IEEE 802.1 meeting. Some RAC members were present.

There will be time for a joint discussion at the breakfast meeting at IETF. Those concerned can join remotely.

8.034 | II | Regulatory report | Holcomb | 0 | 04:56 PM

- Officers Reports
- 1st Vice Chair Report
- 2nd Vice Chair Report
- Treasurer’s Report

8.04 | II | Officers Reports | Holcomb | 0 | 04:56 PM

8.041 | II | 1st Vice Chair Report | Thaler | 0 | 04:56 PM

8.042 | II | 2nd Vice Chair Report | Gilb | 0 | 04:56 PM

8.043 | II | Treasurer’s Report | Chaplin / Rosdahl | 5 | 04:56 PM


8.044 | II | Executive secretary report | Rosdahl | 0 | 05:01 PM

8.045 | II | Recording Secretary Report | D’Ambrosia | 0 | 05:01 PM

8.046 | II* | Appeals report - No items to report | D’Ambrosia | 0 | 05:01 PM

8.05 | II | Announcement of 802 EC Interim Telecon (Tuesday 6 Feb 2018, 1-3pm ET) | Rosdahl | 3 | 05:01 PM

---

IEEE 802 Nov 2017 Plenary  
**ec-17-0167-01-00EC**
Rosdahl presented slide 32 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf.


Rosdahl presented slide 33 from attached presentation ec-17-0198-04-00EC-executive-secretary-agenda-items-nov-2017-plenary.pdf. Rosdahl requested that chairs be careful in requesting tutorials to make sure they can actually be fulfilled.

Additional item added to the agenda to address item related to Mentor / IMAT services.

<table>
<thead>
<tr>
<th>* Motion #33</th>
<th>To terminate the 14 July 2017 approval of $20k initial seed funding allocated toward the immediate assessment plan and creation of a “Hot Standby”, “Backup”, and “Disaster Recovery” for Mentor and IMAT services under IEEE 802 Control.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Marks</td>
</tr>
<tr>
<td>Second</td>
<td>Shellhammer</td>
</tr>
<tr>
<td>Results</td>
<td>Passed by voice vote without objection</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>Additional Item</td>
</tr>
</tbody>
</table>

9.00 ADJOURN SEC MEETING Nikolich 0 06:00 PM

Meeting adjourned at 5:59pm.

Chair patted himself on the back for finishing 45 minutes late but 1 min before the 6pm hardstop.

**Action Items Summary**

Item 4.04 Gilb - update P&P using new baseline (plus dominance remedy text)
Gilb - update OM (ICAID and Public Statement)

Item 7.021 Mody - Postpone “IEEE 802.22b Response to the China NB for the ISO/IEC/JTC1 FDIS Ballot to EC email ballot.

Item 8.01 Stephens - to be the single point of contact for interacting with Newman on next gen myballot/tools

Motions Summary

Consent Agenda

<table>
<thead>
<tr>
<th>Motion Number</th>
<th>Motion Description</th>
<th>Approver</th>
<th>Sponsor</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.021 ME*</td>
<td>Approve submission of the following Draft to ISO/IEC JTC/SC6 for information under the PSDO agreement</td>
<td>Das</td>
<td></td>
<td>02:19 PM</td>
</tr>
<tr>
<td>5.042 ME*</td>
<td>Approve sending P802.1Qcc D2.0 to Sponsor Ballot</td>
<td>Parsons</td>
<td></td>
<td>02:19 PM</td>
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<tr>
<td>5.043 ME*</td>
<td>Approve sending P802.1Qcp D2.0 to Sponsor Ballot</td>
<td>Parsons</td>
<td></td>
<td>02:19 PM</td>
</tr>
<tr>
<td>5.051 ME*</td>
<td>Approve sending IEEE P802.3 (IEEE 802.3cj) to sponsor ballot</td>
<td>Healey</td>
<td>S: D'Ambrosia</td>
<td>02:25 PM</td>
</tr>
<tr>
<td>5.081 ME*</td>
<td>Approve sending IEEE P802.3 (IEEE 802.3cj) to sponsor ballot</td>
<td>Marks</td>
<td></td>
<td>03:18 PM</td>
</tr>
<tr>
<td>7.051 ME*</td>
<td>Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1/SC6 in respect to the China NB comment on the IEEE Std 802.3bw-2015 FDIS ballot at the URL <a href="https://mentor.ieee.org/802ec/dcn/17/ec-17-0210-00-00EC-china-nb-comment-on-ieee-std-8023bw-2015-fdis-ballot.pdf">https://mentor.ieee.org/802ec/dcn/17/ec-17-0210-00-00EC-china-nb-comment-on-ieee-std-8023bw-2015-fdis-ballot.pdf</a> granting the IEEE 802.3 Chair (or his delegate) editorial license</td>
<td>Parsons</td>
<td></td>
<td>04:08 PM</td>
</tr>
<tr>
<td>7.111 ME*</td>
<td>&quot;The executive committee approves the P802.19.1a draft release in <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0204-00-00EC-p802-19-1a-draft-press-release.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0204-00-00EC-p802-19-1a-draft-press-release.docx</a> , and agrees IEEE-SA staff to make editorial changes as necessary.&quot;</td>
<td>Shellhammer</td>
<td>S: Das</td>
<td>04:33 PM</td>
</tr>
<tr>
<td>Motion #1</td>
<td>Move to approve the modified agenda</td>
<td></td>
<td></td>
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<tr>
<td>Moved</td>
<td>D’Ambrosia</td>
<td></td>
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<td></td>
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<tr>
<td>Second</td>
<td>Rosdahl</td>
<td></td>
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<tr>
<td>Results</td>
<td>14-0-0</td>
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<td></td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
<td></td>
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<tr>
<td>Reference</td>
<td>Agenda Item #2.00</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Motion #2</th>
<th>Move to authorize Bob Heile to spend up to $750 for him to attend the Contracts meeting 4th Dec 2017 in Piscataway, NJ (plus RevCom and NesCom as long as he is there – held concurrently on the 5th of Dec.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Rosdahl</td>
</tr>
<tr>
<td>Second</td>
<td>Stephens</td>
</tr>
<tr>
<td>Results</td>
<td>Approved by voice vote without objection</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>4.031</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Motion #3</th>
<th>Authorize expenses not to exceed $4500 for a mtg space and a network site qualification at the Le Centre Sheraton Hotel in Montreal, Quebec, CA. Bob Heile and a Network Engineer will fly up on the 29th and perform the site visit on the 30th and report back.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Rosdahl</td>
</tr>
<tr>
<td>Second</td>
<td>Stephens</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition.</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>4.032</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Motion #4</th>
<th>Authorize the issuance of an IEEE conformant MSA agreement for Face to Face Events for PCO services for 2019 – 2023. (Review Gilb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Rosdahl</td>
</tr>
<tr>
<td>Second</td>
<td>Stephens</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition.</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
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<tr>
<td>Reference</td>
<td>4.033</td>
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<table>
<thead>
<tr>
<th>Motion #5</th>
<th>To hibernate the IEEE 802.16 WG, as of the end of the March 2018 IEEE 802 Plenary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
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<tr>
<td>Second</td>
<td>Godfrey</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition.</td>
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<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>4.07</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Motion #6</th>
<th>Approve <a href="https://mentor.ieee.org/802ec/dcn/17/ec-17-0208-04-00EC-draft-responseto-wbabliaison.docx">https://mentor.ieee.org/802ec/dcn/17/ec-17-0208-04-00EC-draft-responseto-wbabliaison.docx</a> as communication to Wireless Broadband Alliance granting the IEEE LMSC chair (or his delegate) editorial license.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Parsons</td>
</tr>
<tr>
<td>Second</td>
<td>Thaler</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition.</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>7.055</td>
</tr>
<tr>
<td>Motion #7</td>
<td>Conditionally approve sending P802.1CM D2.0 to Sponsor Ballot</td>
</tr>
<tr>
<td>-----------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>Moved</td>
<td>Parsons</td>
</tr>
<tr>
<td>Second</td>
<td>Thaler</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition</td>
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<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>5.044</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Motion #8</th>
<th>Conditionally approve sending P802.1Qcn* to Sponsor Ballot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Parsons</td>
</tr>
<tr>
<td>Second</td>
<td>Thaler</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition</td>
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<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>5.045</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Motion #9</th>
<th>Approve sending IEEE P802.3cd to sponsor ballot</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Law</td>
</tr>
<tr>
<td>Second</td>
<td>D'Ambrosia</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without opposition</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>5.052</td>
</tr>
</tbody>
</table>

| Motion #10 | Approve forwarding P802.11ax PAR modification documentation in https://mentor.ieee.org/802.11/dcn/17/11-11-0913-02-00ax-par-modification-to-support-6-ghz-band.docx to NesCom |
|ATALIGNMENT* Motion #10| Approve CSD modification documentation in https://mentor.ieee.org/802.11/dcn/14/11-14-0169-01-0hew-ieee-802-11-hew-sg-proposed-csd.docx |
| Moved     | Stephens                                      |
| Second    | Rosdahl                                      |
| Results   | Motion passes by voice vote without opposition |
| Motion    | Passes                                       |
| Reference | 5.061                                        |

| Motion #11 | Approve forwarding P802.11az PAR modification documentation in https://mentor.ieee.org/802.11/dcn/17/11-17-1319-01-00az-par-modification.pdf to NesCom |
|ATALIGNMENT* Motion #11| Approve CSD modification documentation in https://mentor.ieee.org/802.11/dcn/17/11-17-1318-00-00az-ieee-802-11az-ngp-csd-update.docx |
| Moved     | Stephens                                      |
| Second    | Rosdahl                                      |
| Results   | Motion passes by voice vote without opposition |
| Motion    | Passes                                       |
| Reference | 5.062                                        |
* Motion #12
  • Conditionally approve sending P802.11aj to RevCom.
  • Approve 5C documentation in https://mentor.ieee.org/802-ec/dcn/17/ec-17-0071-00-ACSD-802-11aj.doc

Moved: Stephens
Second: Rosdahl
Results: Motion passes by voice vote without opposition
Motion: Passes
Reference: 5.063

* Motion #13
  • Conditionally approve sending P802.11aq to RevCom also conditional on P802.11aj and P802.11ak satisfying the requirements to proceed to RevCom
  • Approve 5C documentation in https://mentor.ieee.org/802.11/dcn/12/11-12-1137-08-opad-draft-5c-proposal.doc

Moved: Stephens
Second: Rosdahl
Results: Overtaken by Motion #14
Motion: Overtaken by Motion #14
Reference: 5.064

* Motion #14
  Motion to Table Motion #13

Moved: Thaler
Second: Marks
Results: 8-3-3
Motion: Passes
Reference: 5.064

* Motion #15
  Request EC approval to start a Sponsor Ballot to withdraw 802.15.1 current revision.

Moved: Heile
Second: Gilb
Results: Passes by voice vote without objection
Motion: Passes
Reference: 5.071

* Motion #16
  Request EC approval to start a Sponsor Ballot to withdraw 802.15.2 current revision.

Moved: Heile
Second: Gilb
Results: Passes by voice vote without objection
Motion: Passes
Reference: 5.072

* Motion #17
  • Approve forwarding 802.15.10a PAR documentation in https://mentor.ieee.org/802.15/dcn/17/15-17-0565-01-0000-802-15-10a-par.pdf to NesCom
  • Approve CSD documentation in https://mentor.ieee.org/802.15/dcn/17/15-17-0566-01-0000-802-15-10a-csd.docx

Moved: Heile
Second: Gilb
Results: Passes by voice vote without objection
Motion: Passes
Reference: 5.073
<table>
<thead>
<tr>
<th>* Motion #18</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Move that the 802 EC</strong></td>
</tr>
<tr>
<td>- Approves submitting P802.15.3f-D01 to RevCom.</td>
</tr>
<tr>
<td>- Confirms the CSD: <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0072-00-ACSD-802-15-3f.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0072-00-ACSD-802-15-3f.docx</a></td>
</tr>
<tr>
<td><strong>Moved</strong></td>
</tr>
<tr>
<td><strong>Second</strong></td>
</tr>
<tr>
<td><strong>Results</strong></td>
</tr>
<tr>
<td><strong>Motion</strong></td>
</tr>
<tr>
<td><strong>Reference</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>* Motion #19</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Move that the 802 EC</strong></td>
</tr>
<tr>
<td>- Approves submitting P802.15.4s/D07 to RevCom.</td>
</tr>
<tr>
<td>- Confirms the CSD: <a href="https://mentor.ieee.org/802-ec/dcn/17/ec-17-0163-00-ACSD-802-15-4s.docx">https://mentor.ieee.org/802-ec/dcn/17/ec-17-0163-00-ACSD-802-15-4s.docx</a></td>
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<td><strong>Moved</strong></td>
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<td><strong>Second</strong></td>
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<td><strong>Results</strong></td>
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<td><strong>Motion</strong></td>
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<thead>
<tr>
<th>* Motion #20</th>
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<tbody>
<tr>
<td><strong>Conditionally approve sending d3p802.15.4-2015-Cor-1-2017draft (or latest revision) to RevCom.</strong></td>
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<td><strong>Second</strong></td>
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<tr>
<th>* Motion #21</th>
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<tbody>
<tr>
<td><strong>Move that the 802 EC</strong></td>
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<tr>
<td>- Approves submitting P802.15.8/D06 to RevCom.</td>
</tr>
<tr>
<td>- Confirms the 5C: <a href="https://mentor.ieee.org/802.15/dcn/12/15-12-0158-00-0pac-draft-pac-five-criteria.rtf">https://mentor.ieee.org/802.15/dcn/12/15-12-0158-00-0pac-draft-pac-five-criteria.rtf</a></td>
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<td><strong>Moved</strong></td>
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<td><strong>Second</strong></td>
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<thead>
<tr>
<th>* Motion #22</th>
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<tbody>
<tr>
<td><strong>MOTION:</strong> Approve the formation of an 802.15, Security Next Generation (SECN), study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for adding AES-256 support (minimally) to IEEE 802.15.4-2015 and, if the existing Auxiliary Security Header cannot easily be modified to support the addition of AES-256, the Study Group will create an alternative means, likely via the addition of Information Elements, to provide the ability to add AES-256 plus add the ability to negotiate the use of other security cipher suites and key lengths.</td>
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<td><strong>Moved</strong></td>
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<td><strong>Second</strong></td>
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<td><strong>Results</strong></td>
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<td><strong>Motion</strong></td>
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<td><strong>Reference</strong></td>
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</tbody>
</table>
MOTION: Approve the formation of an 802.15, Low Power Wide Area (LPWA), study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for a very low payload bit-rate (e.g. <30kBit/s) amendment to 15.4 in license exempt frequency bands and able to operate with significantly increased robustness in presence of interference from other users in these bands. Analyses presented in the LPWA Interest Group have shown that significant performance gains are possible.

Moved: Heile
Second: Gilb
Results: Passes by voice vote without objection
Motion: Passes
Reference: 6.072

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group within IEEE 802.3 to develop PAR and CSD modification to IEEE P802.3cg to add 10 Mb/s Backplane Ethernet to that project.

Moved: Law
Second: D’Ambrosia
Results: Approved by voice vote without objection
Motion: passes
Reference: 6.051

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group to develop a PAR and CSD responses for beyond 10 km Optical PHYs for 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s Ethernet within IEEE 802.3.

Moved: Law
Second: D’Ambrosia
Results: Approved by voice vote without objection
Motion: passes
Reference: 6.052

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group to develop a PAR and CSD responses for 100 Gb/s per Lane for Electrical Interfaces and Electrical PHYs within IEEE 802.3.

Moved: Law
Second: D’Ambrosia
Results: Approved by voice vote without objection
Motion: passes
Reference: 6.053

The IEEE 802 LMSC Executive Committee grants approval for the formation of a Study Group within IEEE 802.3 to develop a PAR and CSD responses for next-generation 200 Gb/s and 400 Gb/s PHYs over fewer MMF pairs than in existing Ethernet projects and standards.

Moved: Law
Second: D’Ambrosia
Results: Approved by voice vote without objection
Motion: passes
Reference: 6.054
**Motion #28**  Approve first recharter of the LC Study Group  
Moved Stephens  
Second Rosdahl  
Results Approved by voice vote without objection  
Motion Passes  
Reference 6.061

| * Motion #29 | Approve the 802.11 Light Communications Study Group press release in https://mentor.ieee.org/802.11/dcn/17/11-17-1589-01-00lc-sg-press-release.docx  
Moved Stephens  
Second Rosdahl  
Results Approved by voice vote without objections  
Motion passes  
Reference 7.071 |
|---|---|

| * Motion #30 | Approve https://mentor.ieee.org/802.18/dcn/17/18-17-0131-04-0000-ieee-sa-contiguously-allocated-spectrum-position-1.docx, as 802 feedback on the proposed IEEE-SA Spectrum Position Statement and send to IEEE-Standards Association Strategic Planning Coordination Committee on or before 13 November 2017, granting the IEEE LMSC chair (or his delegate) editorial license.  
Moved Holcomb  
Second Shellhammer  
Results Approved by voice vote without objection  
Motion passes  
Reference 7.101 |
|---|---|

| * Motion #31 | The IEEE 802 EC approves the execution of necessary processes that result in the withdrawal of ISO/IEC TR 8802-1:2001  
ISO/IEC 15802-1:1995  
And appoint Andrew Myles, 802/JTC1 Standing Committee Chair, to fulfill the above task.  
Moved Parsons  
Second Gilb  
Results 9-0-2  
Motion Passes  
Reference 8.031 |
|---|---|

| * Motion #32 | The IEEE 802 EC approves the execution of necessary processes that result in the withdrawal of 802.5 based ISO/IEC standards  
And appoint Andrew Myles, 802/JTC1 Standing Committee Chair, to fulfill the above task.  
Moved Gilb  
Second Rosdahl  
Results 11-0-0  
Motion Passes  
Reference 8.031 |
|---|---|
Motion #33

To terminate the 14 July 2017 approval of $20k initial seed funding allocated toward the immediate assessment plan and creation of a “Hot Standby”, “Backup”, and “Disaster Recovery” for Mentor and IMAT services under IEEE 802 Control.

Moved
Marks

Second
Shellhammer

Results
Passed by voice vote without objection

Motion
Passes

Reference
Additional Item