121st IEEE 802 LMSC PLENARY SESSION
Mar 2019 – Vancouver, BC, Canada
MINUTES (Unconfirmed)
EXECUTIVE COMMITTEE OPENING MEETING, R0

Prepared by John D’Ambrosia, IEEE 802 LMSC Recording Secretary

Friday, Mar 15, 2019 - 1:00 p.m. PDT
All times PDT

Hyatt Regency Vancouver
Vancouver, BC, Canada

EC Voting members (or their representatives) present:
Paul Nikolich – Chair, IEEE 802 LAN/MAN Standards Committee
James Gilb – 1st Vice Chair, IEEE 802 LAN/MAN Standards Committee
Roger Marks - 2nd Vice Chair, IEEE 802 LAN/MAN Standards Committee
George Zimmerman
Chair, IEEE 802.16 – Broadband Wireless Access Working Group (Hibernating)
Treasurer, 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
John Messenger - Acting Chair, IEEE 802.1 – HIL Working Group
(arrived approximately 1:32pm)
David Law - Chair, IEEE 802.3 Ethernet Working Group
Dorothy Stanley – Chair, IEEE 802.11 – Wireless LAN Working Group
Chair, IEEE / IETF Standing Committee
Bob Heile – Chair, IEEE 802.15 – Wireless PAN Working Group
Chair, Wireless Chairs Standing Committee
Jay Holcomb - Chair, 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 Regional Area Networks Working Group
Tim Godfrey - Chair, IEEE 802.24 - Vertical Applications TAG

EC Nonvoting members / Standing Committee Chairs present:
Geoff Thompson Member Emeritus
Clint Chaplin Member Emeritus, Treasurer Advisor

EC Voting members absent:

EC Nonvoting members absent:

Standing Committee Chairs (Non EC members) present:
Andrew Myles Chair, IEEE 802 / ISO / JTC1 / SC6 Standing Committee
(arrived approximately 1:25pm)
## Other Attendees

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Employer</th>
<th>Affiliations</th>
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<tr>
<td>Anbersdotter</td>
<td>Amelie</td>
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<td>Blind Creek Associates</td>
<td>Blind Creek Associates, MERL, UWBA</td>
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Meeting called to order at 1:00pm by Chair.
2.00  MI  APPROVE OR MODIFY AGENDA  Nikolich  10  01:15 PM

Time: 1:01

Discussion:

- Move LMSC OM from 4.021 to 4.022
- Modify 5.071 to II and change time to 2 min
- Stanley requested Item 4.05 be changed from MI to DT and time be reduced to 5 min

| * Motion #1 | Move to approve the modified agenda |
| Moved       | D’Ambrosia                           |
| Second      | Rosdahl                              |
| Results     | 13-0-0                               |
| Motion      | Passes                               |
| Reference   | Agenda Item #2.00                    |

<table>
<thead>
<tr>
<th>4.05</th>
<th>DT</th>
<th>Motion: Authorize each WG Chair to spend $600 per calendar year from the 802 treasury. M: Stanley S: Messenger</th>
<th>Stanley</th>
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<th>02:15 PM</th>
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<td>IEEE Standards Board and Sponsor Ballot Items</td>
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<td>5.012</td>
<td>ME</td>
<td>To Sponsor Ballot (conditional): P802.3cg 10 Mb/s Single Pair Ethernet</td>
<td>Law</td>
<td>15</td>
<td>02:20 PM</td>
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<td>5.013</td>
<td>ME</td>
<td>To RevCom (conditional): P802.3.2.3 (IEEE 802.3ch) YANG Data Model Definitions</td>
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<td>To Sponsor Ballot (conditional): 802.22 Revision</td>
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<td>6.00</td>
<td>IEC</td>
<td>Executive Committee Study Groups, Working Groups, TAGs, Industry Connections</td>
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<td>MI*</td>
<td>IEEE 802.3 100 Gb/s per lane optical PHYs Study Group first rechartering Motion: Grant the first rechartering of the IEEE 802.3 100 Gb/s per lane optical PHYs Study Group M: Law S: D’Ambrosia</td>
<td>Law</td>
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<td>Formation Study Group - IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs Study Group formation</td>
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<td>802.11 EHT (IEEE P802.11T Gbd) Study Group, 2nd Rechartering</td>
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<td>IEEE 802.21 Study Group 'Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service, 1st Rechartering</td>
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<td>LMSC Liaisons and External Communications</td>
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<td>Liaison response to ITU-T SG15 on LS176</td>
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<td>Liaison to IETF LSVR WG on Link State over Ethernet</td>
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<td>eBlast on P802.1DG Automotive Profile for TSN</td>
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<td>PSDO comment responses on 802.1Q-2018</td>
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<td>P802.1AX-Rev to JTC1/SC6 for information under PSDO</td>
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<td>Liaison to IEEE 1722 on MAP Liaise P802.1AS-Rev to ODVA SIG for Distributed Motion and Time Synchronization. Liaise P802.1AS-Rev to IEEE1588.</td>
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<td>03:39 PM</td>
<td>Submission of IEEE Std 802.3bt-2018 and IEEE Std 802.3cd-2018 to ISO/IEC JTC1/SC6 for adoption under the PSDO agreement</td>
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7.031 | ME | P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:42 PM
7.032 | ME | 802.11ah comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:45 PM
7.033 | ME | 802.11ak comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:48 PM
7.034 | ME | 802.11aq comment responses to ISO/IEC JTC1/SC6 | Stanley | 3 | 03:51 PM
7.035 | II | Liaison to 3GPP RAN | Stanley | 3 | 03:54 PM
7.036 | II | Liaison to WFA | Stanley | 3 | 03:57 PM
7.037 | II | Liaison to IEEE 1609 | Stanley | 3 | 04:00 PM
7.04 | - | IEEE 802.15 | Heile | - | 04:03 PM
7.05 | - | IEEE 802.18 | Holcomb | - | 04:03 PM
7.06 | - | IEEE 802.19 | Shellhammer | - | 04:03 PM
7.07 | - | IEEE 802.21 | Das | - | 04:03 PM
7.08 | - | IEEE 802.22 | Mody | - | 04:03 PM
7.09 | II | IEEE 802 - Global Public Policy Committee Feedback | Nikolich | 5 | 04:03 PM
7.10 | - | IEEE 802.24 | Geoffrey | - | 04:08 PM
8.00 | Information Items | | | | 04:08 PM
8.01 | II | IEEE 802 / SA Task Force Report | Nikolich | 10 | 04:08 PM
8.02 | II | IEEE SA Staff Reports | | | 04:18 PM
8.03 | | Standing Committee Reports | | | 04:18 PM
8.031 | ME | 802 / JTC1 SC Report | Myles | 5 | 04:18 PM
8.032 | - | 802 / ITU SC Report | Parsons | 0 | 04:23 PM
8.033 | - | 802 / IETF SC Report | Stanley | 0 | 04:23 PM
8.04 | | Officers Reports | | | 04:23 PM
8.041 | II | 1st Vice Chair Report | Gilb | 5 | 04:23 PM
8.042 | II | 2nd Vice Chair Report | Marks | 5 | 04:28 PM
8.043 | II | Treasurer’s Report | Zimmerman | 5 | 04:33 PM
8.044 | II | Executive secretary report | Rosdahl | 0 | 04:38 PM
8.045 | II | Recording Secretary Report | D’Ambrosia | 2 | 04:38 PM
8.046 | II* | Appeals report - No items to report | D’Ambrosia | 0 | 04:40 PM
8.05 | II | Network Services report | Linespeed | 5 | 04:40 PM
8.06 | II | Announcement of 802 EC Interim Telecon (Tuesday 4 Jun 2019, 1-3pm ET) | Rosdahl | 3 | 04:45 PM
Chair asked who was attending the IEEE Standards Board Meeting next week. Those individuals planning to attend raised their hand, and the chair felt that there would be good representation of IEEE 802.

Chair acknowledged all of the efforts put forward on behalf of IEEE 802 by the IEEE 802 Executive Secretary, Jon Rosdahl. Rosdahl acknowledged personnel from Vancouver Hyatt for all of their efforts for this meeting. These individuals were given a round of applause. Rosdahl also acknowledged Face-to-Face for all their support.


Straw polls:

- Would you like to return to this venue? Y: 10 N: 4
- Did you enjoy the social? Y: 14 N: 0
- Attend the Social? Y:11 N:0

* Motion #2 Move to select the Hyatt Regency Vancouver as the location for the 802 Plenary in November 2021.

Moved Rosdahl
Second Stanley
Results No objections to approval of motion
Motion Passes
Reference Agenda Item #4.01

Discussion: It was confirmed that there was availability for the meeting
**Motion #3**
Move to select Hawaiian Village as the location for the 802 Plenary in Nov 2023 and Nov 2027.

Moved: Rosdahl  
Second: Heile  
Results: 9-2-2  
Motion: Passes  
Reference: Agenda Item #4.01

Discussion: Rosdahl explained that passage of the motion would permit him to pursue the contracts. There were questions regarding the meeting details. Proposed budgets will be available for review at subsequent EC meetings (conference calls and in person).

Rosdahl noted and discussed Vienna venue size and time-of-day constraints. He will provide an update at the EC June Teleconference. It was noted that catering was expensive.

**4.02**  
Rules Changes  
**4.021**  
ME  
External Rules - LMSC P&P  
Gilb  
01:45 PM

Time: 1:45pm

Gilb presented slides 1 - 10 from **attached presentation: ec-19-0050-01-00EC-march-2019-rules-motions.pdf**.

Note: rules change motions require >2/3 majority to pass (>10 approves). Relevant LMSC P&P documents -

- Proposed: ec-18-0102-08-OPNP-proposed-lmsc-p-p-2018.doc  
- Comparison of proposal and current version: ec-18-0129-03-OPNP-802-p-p-update-comparison.docx

**Motion #4**  
Approve document ec-18-0102-08 as the IEEE 802 LMSC Policies and Procedures and forward the document to AudCom for consideration and IEEE SASB approval. The First Vice Chair is empowered to provide explanations to AudCom regarding the submission.

Moved: Gilb  
Second: D'Ambrosia  
Results: 14-0-0  
Motion: Motion Passes  
Reference: Agenda Item #4.021

NOTE: The immediate result of the motion does not bring into effect a change in the approved IEEE 802 LMSC P&P, but may cause the change if SASB approves the unmodified document.

**4.022**  
MI  
Internal Rules - WG P&P, LMSC OM  
Gilb  
02:00 PM

Time: 1:57pm

Gilb presented Slides 11 - 17 from **attached presentation: ec-19-0050-01-00EC-march-2019-rules-motions.pdf**
Relevant LMSC OM documents


Gilb decided not to pursue a motion on the LMSC OM at this time.

Action Item Gilb Hold conference calls to resolve LMSC OM changes.

4.03 II 802 Coexistence Process Discussion in 802.19 WG. Reference: https://mentor.ieee.org/802.19/dcn/19/19-19-0017-00-0000-march-coexistence-discussion.pptx

Shellhammer presented attached presentation, 19-19-0017-00-0000-march-coexistence-discussion.pdf. There was discussion regarding the presentation. Concerns were raised regarding the text "Economic collaboration on Slide #5, that it should be replaced with "market relevance" to accurately reflect the discussion. The document will be revised to R.01.


4.04 MI 2020 Electronic Media

D’Ambrosia presented attached presentation, ec-19-0045-00-00EC-2020-electronic-media.pdf

Strawpoll: Is LMSC ok with moving away from physical media? Results: Yes - 10

Strawpoll: Should we provide unique ID’s for people to download rather than blanket User ID / Password? Results - 5

4.05 DT Motion: Authorize each WG Chair to spend $600 per calendar year from the 802 treasury.

M: Stanley S: Messenger

Stanley reviewed LMSC Operations Manual, Section 15.1, Item D $200.

Action Item Stanley Prepare rules changes governing WG Chair expenditure authorizations.
5.011  ME*  To NesCom: IEEE P802.3cu 100 Gb/s and 400 Gb/s Operation over Single-Mode Fiber at 100 Gb/s per wavelength PAR.  
Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0005-00-00EC-ieee-p802-3cu-draft-csd.pdf>  
M: Law  S: D’Ambrosia


Approved with approval of agenda.

5.012  ME  To Sponsor Ballot (conditional): P802.3cg 10 Mb/s Single Pair Ethernet  
Time: approximately 2:34pm

It was noted that Agenda Item 5.012 should be unconditional. Law presented slides 2-8 from attached presentation, ec-19-0018-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-15th-march-2019.pdf.

* Motion #5  
Approve sending IEEE P802.3cg 10 Mb/s Single Pair Ethernet to Standards Association ballot.  
Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0079-00-ACSD-802-3cg.pdf>

Moved  
Law  
Second  
D’Ambrosia  
Results  
10-1-1  
Motion  
Passes  
Reference  
Agenda Item #5.012

Discussion: There was discussion regarding the motion. Thompson objected to approval of the motion and noted that a file summarizing the reasons for his objection has been uploaded to Mentor. Thompson noted that there was no conflict with the processing of the comments by the ballot review group.

David Law reviewed 6 TR comments submitted by one individual against D2.4.

- Comment #1 withdrawn
- Comment #2 does not apply to substantial changes - out of scope
- Comment #3 does not apply to substantial changes - out of scope
- Comment #4 in relation to CSD - restatement of existing comment and had been previously recirculated
- Comment #5 does not apply to substantial changes - out of scope
- Comment #6. restatement of existing comment, and did not apply to substantial changes - out of scope

It was noted that the individual who submitted the comments was present at the time of their review by the comment review group and was aware of the group’s consideration.

5.99  Break  
Meeting break: 3:00pm
Meeting reconvened at 3:14pm

5.013 ME To RevCom (conditional): P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions Law 3 02:35 PM

It was noted that 5.013 should be unconditional. Law presented slides 9 - 12 of attached presentation, ec-19-0018-01-00EC-ieee-802-3-ethernet-working-group-agenda-items-friday-15th-march-2019.pdf.

* Motion #6 Approve sending IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to RevCom. Approve CSD documentation in <http://www.ieee802.org/3/cf/ec-16-0142-00-ACSD-802-3cf.pdf>.
   Moved Law
   Second D'Ambrosia
   Results AProved by voice vote with no objections
   Motion passes
   Reference Agenda Item #5.013

5.02 IEEE 802.11 02:38 PM

5.021 ME To NesCom: IEEE P802.11be, EHT, PAR Stanley 3 02:38 PM

Time: 3:20pm

Noted project should be IEEE P802.11TGbe

* Motion #7 Approve forwarding P802.11be PAR documentation in https://mentor.ieee.org/802.11/dcn/18/11-18-1231-06-0eht-eht-draft-proposed-par.docx to NesCom
   Approve CSD modification documentation in https://mentor.ieee.org/802.11/dcn/18/11-18-1233-06-0eht-eht-draft-proposed-csd.docx with the following modification:
   Change the initial phrase in 1.2.4 from “IEEE Std. 802.11 is a mature technology which has a wide variety of legacy devices” to “IEEE Std. 802.11 technology is very mature and has a wide variety of legacy devices”
   Moved Stanley
   Second Rosdahl
   Results 9-2-3
   Motion Passes
   Reference Agenda Item #5.021

5.03 IEEE 802.15 02:41 PM

5.031 ME To RevCom, P802.15.4X-D2 Heile 3 02:41 PM

Time: 3:29pm

<table>
<thead>
<tr>
<th>Motion #8</th>
<th>Approve sending P802 15 4x-D2 to RevCom. Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/18/ec-18-0083-00-ACSD-802-15-4x.docx">https://mentor.ieee.org/802-ec/dcn/18/ec-18-0083-00-ACSD-802-15-4x.docx</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Moved</td>
<td>Heile</td>
</tr>
<tr>
<td>Second</td>
<td>Gilb</td>
</tr>
<tr>
<td>Results</td>
<td>Approved by voice without objection</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>Agenda Item #5.031</td>
</tr>
</tbody>
</table>

Mody noted the requirements to obtain conditional Sponsor Ballot due to process errors were discovered, and that he would be bringing the item back to the LMSC for consideration in July as unconditional. During discussion, it was noted that more details regarding the Sponsor Ballot should be provided.

**Action Item**

**Provide adequate information on Mentor to obtain conditional Sponsor Ballot approval for 802.22.**

See Slide #5 of [attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf](#). Approved with approval of agenda.

See Slides #6-7 of [attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf](#). Approved with approval of agenda.

See Slide #9 of [attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf](#). Approved with approval of agenda.

### 6.012 MI Formation Study Group - IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs Study Group formation

| Law | 3 | 03:01 PM |


* Motion #9
  
  Approve the formation of IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Automotive Ethernet beyond 10 Gb/s Electrical PHYs.

| Moved | Law |
| Second | D’Ambrosia |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #6.012 |

### 6.02 IEEE 802.11

| Stanley | 3 | 03:04 PM |


Noted project should be IEEE P802.11TbGbe

* Motion #10
  
  Grant the second Study Group recharter of the 802.11 Extremely High Throughput (EHT) Study Group.

| Moved | Stanley |
| Second | Rosdahl |
| Results | Approved by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #6.021 |

### Discussion regarding the proper organizational placement of a project within the IEEE that may result from the Study Group since it is out of scope for the 802.21 WG – possibly 802.1 WG, and 802 EC Study Group, an Industry Connections Activity such as NENDICA, a separate Industry Connections Activity, or within some other suitable IEEE Society or Council.

Das presented attached presentation, 21-19-0029-00-0000-sg-ist-rechartering-motion.pdf

Discussion regarding the proper organizational placement of a project within the IEEE that may result from the Study Group since it is out of scope for the 802.21 WG – possibly 802.1 WG, and 802 EC Study Group, an Industry Connections Activity such as NENDICA, a separate Industry Connections Activity, or within some other suitable IEEE Society or Council.
* Motion #11  
Grant the first re-chartering of the IEEE 802.21 study group on Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service

Moved  
Das

Second  
Shellhammer

Results  
approved by voice vote without objections

Motion  
Passes

Reference  
Agenda Item #6.061

---

607  
-  
IEEE 802.22  
Mody  
-  
03:22 PM

608  
-  
IEEE 802.24  
Godfrey  
-  
03:22 PM

6.09  
IEEE 802.1  
Messenger  
03:22 PM

6.091  
II  
IEEE 802 Nendica Report  
Marks  
5  
03:22 PM

Time: 3:54

Marks presented  
[attached file, 1-19-0023-01.pdf]

7.00  
LMSC Liaisons and External Communications  
03:27 PM

7.01  
IEEE 802.1  
03:27 PM

7.011  
ME*  
802.1Qcp YANG Data Model press release  
Messenger  
0  
03:27 PM

See Slide #14 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].

Approved with approval of agenda.

7.012  
ME*  
Liaison response to ITU-T SG15 on LS176  
Messenger  
0  
03:27 PM

See Slide #15 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].

Approved with approval of agenda.

7.013  
-  
Liaison to ITU-T JCA IMT2020 on IMT-2020 Roadmap  
Messenger  
0  
03:27 PM

7.014  
ME*  
PSDO Comment Responses on 802c-2017  
Messenger  
0  
03:27 PM

See Slide #17 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].

Approved with approval of agenda.

7.015  
II  
Liaison to IEEE 1914 on Category A+  
Messenger  
0  
03:27 PM

See Slide #18 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].

See Slide #19 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].

See Slide #20 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].

See Slide #21 of  
[attached presentation, ec-19-0043-02-00EC-802-1-consent-agenda-items-lmsc-closing.pdf].
**7.019 | ME | eBlast on P802.1DG Automotive Profile for TSN | Messenger | 3 | 03:27 PM**

**Time: 4:03pm**

Messenger presented slide#4 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-lmsc-closing-plenary.pdf.

| * Motion #12 | Approve the eblast on the P802.1DG project in http://www.ieee802.org/1/files/public/docs2019/dg-draft-cfp-0319-v01.pdf, to be released with editorial changes as deemed necessary |
| Moved | Messenger |
| Second | Law |
| Results | Approved by voice vote without opposition |
| Motion | passes |
| Reference | Agenda Item #7.019 |

**7.0191 | ME | PSDO comment responses on 802.1Q-2018 | Messenger | 3 | 03:30 PM**

**Time: 4:07pm**

Messenger presented slide#5 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-lmsc-closing-plenary.pdf.

| * Motion #13 | • Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:  
| Moved | Messenger |
| Second | Law |
| Results | approved by voice vote without objections |
| Motion | passes |
| Reference | Agenda Item #7.0191 |

| * Motion #14 | • Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement:  
| Moved | Messenger |
| Second | Law |
| Results | approved by voice vote without objections |
| Motion | passes |
| Reference | Agenda Item #7.0192 |

---

**IEEE 802 Mar 2019 Plenary**
**ec-19-0013-00-00EC**
7.0193  II  Liaison to IEEE 1722 on MAAP
Liaise P802.1AS-Rev to ODVA SIG for Distributed Motion and Time
Synchronization.
Liaise P802.1AS-Rev to IEEE1588.

Messenger 3 03:36 PM

Messenger presented Slides #7 - 10 of attached presentation, ec-19-0048-01-00EC-802-1-regular-agenda-items-lmsc-closing-plenary.pdf.

7.02  IEEE 802.3

03:39 PM

7.021  ME  Submission of IEEE Std 802.3bt-2018 and IEEE Std 802.3cd-2018 to ISO/IEC
JTC1/SC6 for adoption under the PSDO agreement

Law 3 03:39 PM

Time: 4:12pm


**Motion #15**

Approve submission of IEEE 802.3bt-2018 IEEE Standard for Ethernet Amendment 2: Physical Layer and Management Parameters for Power over Ethernet over 4 pairs and IEEE 802.3cd-2018 IEEE Standard for Ethernet Amendment 3: Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation for adoption under the PSDO agreement

Moved  Law
Second  D’Ambrosia
Results  Approved by voice vote without objection
Motion  Passes
Reference  Agenda Item #7.021

7.03  IEEE 802.11

03:42 PM

7.031  ME  P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6

Stanley 3 03:42 PM

Time: 4:14pm


**Motion #16**

Approve forwarding of P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 for information under the PSDO agreement

Moved  Stanley
Second  Rosdahl
Results  Motion passes by voice vote without objection
Motion  Passes
Reference  Agenda Item # 7.031

7.032  ME  802.11ah comment responses to ISO/IEC JTC1/SC6

Stanley 3 03:45 PM

Time 4:16pm

### Motion #17


**Moved:** Stanley  
**Second:** Rosdahl  
**Results:** Motion passes by voice vote without objection  
**Motion:** Passes  
**Reference:** Agenda Item #7.032

<table>
<thead>
<tr>
<th>7.033</th>
<th>ME</th>
<th>802.11ak comment responses to ISO/IEC JTC1/SC6</th>
<th>Stanley</th>
<th>3</th>
<th>03:48 PM</th>
</tr>
</thead>
</table>

### Motion #18


**Moved:** Stanley  
**Second:** Rosdahl  
**Results:** Motion passes by voice vote without objection  
**Motion:** Passes  
**Reference:** Agenda Item #7.033

<table>
<thead>
<tr>
<th>7.034</th>
<th>ME</th>
<th>802.11aq comment responses to ISO/IEC JTC1/SC6</th>
<th>Stanley</th>
<th>3</th>
<th>03:51 PM</th>
</tr>
</thead>
</table>

### Motion #19


**Moved:** Stanley  
**Second:** Rosdahl  
**Results:** Motion passes by voice vote without objection  
**Motion:** Passes  
**Reference:** Agenda Item #7.034

<table>
<thead>
<tr>
<th>7.035</th>
<th>II</th>
<th>Liaison to 3GPP RAN</th>
<th>Stanley</th>
<th>3</th>
<th>03:54 PM</th>
</tr>
</thead>
</table>

### Motion #20

*Approve forwarding the comment responses in [https://mentor.ieee.org/802.11/dcn/19/11-19-0280-00-0jtc-resolution-of-comments-received-from-china-nb-during-fdis-ballot-on-ieee-802-11aw.docx](https://mentor.ieee.org/802.11/dcn/19/11-19-0280-00-0jtc-resolution-of-comments-received-from-china-nb-during-fdis-ballot-on-ieee-802-11aw.docx) to ISO/IEC JTC1/SC6.*

**Moved:** Stanley  
**Second:** Rosdahl  
**Results:** Motion passes by voice vote without objection  
**Motion:** Passes  
**Reference:** Agenda Item #7.035

<table>
<thead>
<tr>
<th>7.036</th>
<th>II</th>
<th>Liaison to WFA</th>
<th>Stanley</th>
<th>3</th>
<th>03:57 PM</th>
</tr>
</thead>
</table>

Nikolich gave verbal summary of communication with Gordon Day, who heads IEEE Global Public Policy Committee. Challenge is that documents arrive with little or no advanced notice, which is common.

Action Item Nikolich / Law Work offline to send informal request to EPPC requesting access to developing positions.

Nikolich presented ec-19-0044-00-00EC

Action Item Nikolich Provide details for meeting for announcement for 802 Task Force Meetings.
Action Item D'Ambrosia Set up webpage announcing 802 Task Force Meetings

First call is May 28th 2019, 11am-noon ET.
Rosdahl gave summary of myProject update from Audcom Feb 2019 Telecom Minutes

**Motion #20**

Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019

Moved: Rosdahl
Second: D’Ambrosia

Results: Motion
Reference: Agenda Item #8.031

**Motion to Amend Motion #23**

Modify Motion #23 text to:

Move to modify Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019

Moved: Marks
Second: Mody
Results: Approved by voice vote without objection
Motion: Passes
Reference: Agenda Item #8.031

Nothing to report.

Marks presented attached presentation, ec-19-0053-00-00EC.pdf

D’Ambrosia stepped out for a minute, and so the more qualified, but out of practice and shape, former Recording Secretary took over recording.

D’Ambrosia returned and resumed recording secretarial responsibilities.
Action Item | Marks | Provide recommendation regarding consistent Working Group Names at July 2019 Plenary.

8.043 II | Treasurer’s Report | Zimmerman | 5 | 04:33 PM

Zimmerman presented attached presentation, ec-19-0054-00-00EC-mar-2019-closing-treasurers-report.pdf. In the future, there will be a mini-treasurers report at the opening EC meeting to be followed with a comprehensive report at the closing EC meeting.

8.043 Zimmerman | Send email to individual WG Chairs to forward to reflectors looking for pictures of Nov 2018 (Rosdahl text)

8.044 II | Executive secretary report | Rosdahl | 0 | 04:38 PM

Nothing to report.

8.045 II | Recording Secretary Report | D’Ambrosia | 2 | 04:38 PM

D’Ambrosia noted he would be setting up areas in Mentor for incoming and outgoing liaisons, and will provide update at June Teleconference.

8.046 II* | Appeals report - No items to report | D’Ambrosia | 0 | 04:40 PM

No appeals.

8.05 II | Network Services report | Linespeed | 5 | 04:40 PM


8.06 II | Announcement of 802 EC Interim Telecon (Tuesday 4 Jun 2019, 1-3pm ET) | Rosdahl | 3 | 04:45 PM


The following agenda items were requested to be added to the June EC Teleconference:

- Das requested to add extension 802.21 ARVR Study Group
- Law requested to add agenda item "Rechartering versus Extension" 15 min
- Gilb noted to Rosdahl he would be mailing an additional agenda item.

8.07 II | No Tutorials for Jul 2019 Plenary | Rosdahl | 1 | 04:48 PM

Nikolich presented concept below for 802 logo.

Chair and D’Ambrosia will work offline to finalize the action items.

Meeting adjourned at 5:29pm.

Note – Recording secretary commented quietly on the speed and efficiency with which the meeting was managed.
### Action Items

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Assignee</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.022</td>
<td>Gilb</td>
<td>Hold conference calls to resolve LMSC OM changes.</td>
</tr>
<tr>
<td>4.03</td>
<td>Shellhammer</td>
<td>Revise 19-19-0017-00-0000-march-coexistence-discussion.pdf.</td>
</tr>
<tr>
<td>4.05</td>
<td>Stanley</td>
<td>Prepare rules changes governing WG Chair expenditure authorizations.</td>
</tr>
<tr>
<td>5.071</td>
<td>Mody / Marks</td>
<td>Provide adequate information on Mentor to obtain conditional Sponsor Ballot approval for 802.22.</td>
</tr>
<tr>
<td>7.09</td>
<td>Nikolic</td>
<td>Work offline to send informal request to EPPC requesting access to developing positions.</td>
</tr>
<tr>
<td>8.01</td>
<td>Nikolic</td>
<td>Provide details for meeting for announcement for 802 Task Force Meetings.</td>
</tr>
<tr>
<td>8.01</td>
<td>D’Ambrosia</td>
<td>Set up webpage announcing 802 Task Force Meetings.</td>
</tr>
<tr>
<td>8.042</td>
<td>Marks</td>
<td>Provide recommendation regarding consistent Working Group Names at July 2019 Plenary.</td>
</tr>
<tr>
<td>8.043</td>
<td>Zimmerman</td>
<td>Send email to individual WG Chairs to forward to reflectors looking for pictures of Nov 2018 (Rosdahl text)</td>
</tr>
</tbody>
</table>

### Motions

#### Consent Agenda

- **5.011 ME**
  - M: Law S: D’Ambrosia

- **5.081 ME**
  - To NesCom: IEEE P802.1AE-2018/Cor 1 PAR - Media Access Control (MAC) Security - Corrigendum 1: Tag Control Information Figure
  - Motion: Approve forwarding IEEE P802.1AE-2018/Cor 1 PAR - Media Access Control (MAC) Security - Corrigendum 1: Tag Control Information Figure.
  - Law

- **5.082 ME**
  - To ICCOM: IEEE 802 Nendica ICAID
  - Messenger

- **5.083 ME**
  - To Sponsor Ballot: P802.1AX-Rev: Link Aggregation revision
  - Motion: Approve forwarding IEEE P802.1AX-Rev: Link Aggregation revision.
  - Messenger

- **6.011 MI**
  - IEEE 802.3 100 Gb/s per lane optical PHYs Study Group first rechartering Motion: Grant the first rechartering of the IEEE 802.3 100 Gb/s per lane optical PHYs Study Group.
  - M: Law S: D’Ambrosia

- **7.011 ME**
  - 802.1Qcp YANG Data Model press release

- **7.012 ME**
  - Liaison response to ITU-T SG15 on LS176

- **7.014 ME**
  - PSDO Comment Responses on 802c-2017
* Motion #1  Move to approve the modified agenda  
Moved  D’Ambrosia  
Second  Rosdahl  
Results  13-0-0  
Motion  Passes  
Reference  Agenda Item #2.00

* Motion #2  Move to select the Hyatt Regency Vancouver as the location for the 802 Plenary in November 2021.  
Moved  Rosdahl  
Second  Stanley  
Results  No objections to approval of motion  
Motion  Passes  
Reference  Agenda Item #4.01

* Motion #3  Move to select Hawaiian Village as the location for the 802 Plenary in Nov 2023 and Nov 2027.  
Moved  Rosdahl  
Second  Heile  
Results  9-2-2  
Motion  Passes  
Reference  Agenda Item #4.01

* Motion #4  Approve document ec-18-0102-08 as the IEEE 802 LMSC Policies and Procedures and forward the document to AudCom for consideration and IEEE SASB approval. The First Vice Chair is empowered to provide explanations to AudCom regarding the submission.  
Moved  Gilb  
Second  D’Ambrosia  
Results  14-0-0  
Motion  Motion Passes  
Reference  Agenda Item #4.021

* Motion #5  Approve sending IEEE P802.3cg 10 Mb/s Single Pair Ethernet to Standards Association ballot. Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0079-00-ACSD-802-3cg.pdf>  
Moved  Law  
Second  D’Ambrosia  
Results  10-1-1  
Motion  Passes  
Reference  Agenda Item #5.012
<table>
<thead>
<tr>
<th>Motion #</th>
<th>Description</th>
<th>gallon</th>
<th>Second</th>
<th>Results</th>
<th>Motion</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Approve sending IEEE P802.3.2 (IEEE 802.3cf) YANG Data Model Definitions to RevCom. Approve CSD documentation in <a href="http://www.ieee802.org/3/cf/ec-16-0142-00-ACSD-802-3cf.pdf">http://www.ieee802.org/3/cf/ec-16-0142-00-ACSD-802-3cf.pdf</a>.</td>
<td>Law</td>
<td>D’Ambrosia</td>
<td>Approved by voice vote with no objections</td>
<td>passes</td>
<td>Agenda Item #5.013</td>
</tr>
<tr>
<td>7</td>
<td>Approve forwarding P802.11be PAR documentation in <a href="https://mentor.ieee.org/802.11/dcn/18/11-18-1231-06-0eht-eht-draft-proposed-par.docx">https://mentor.ieee.org/802.11/dcn/18/11-18-1231-06-0eht-eht-draft-proposed-par.docx</a> to NesCom Approve CSD modification documentation in <a href="https://mentor.ieee.org/802.11/dcn/18/11-18-1233-06-0eht-eht-draft-proposed-csd.docx">https://mentor.ieee.org/802.11/dcn/18/11-18-1233-06-0eht-eht-draft-proposed-csd.docx</a> with the following modification: Change the initial phrase in 1.2.4 from “IEEE Std. 802.11 is a mature technology which has a wide variety of legacy devices” to “IEEE Std. 802.11 technology is very mature and has a wide variety of legacy devices”</td>
<td>Stanley</td>
<td>Rosdahl</td>
<td>9-2-3</td>
<td>Passes</td>
<td>Agenda Item #5.021</td>
</tr>
<tr>
<td>8</td>
<td>Approve sending P802 15 4x-D2 to RevCom. Approve CSD documentation in <a href="https://mentor.ieee.org/802-ec/dcn/18/ec-18-0083-00-ACSD-802-15-4x.docx">https://mentor.ieee.org/802-ec/dcn/18/ec-18-0083-00-ACSD-802-15-4x.docx</a></td>
<td>Heile</td>
<td>Gilb</td>
<td>Approved by voice without objection</td>
<td>Passes</td>
<td>Agenda Item #5.031</td>
</tr>
<tr>
<td>9</td>
<td>Approve the formation of IEEE 802.3 Automotive Ethernet beyond 10 Gb/s Electrical PHYs study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Automotive Ethernet beyond 10 Gb/s Electrical PHYs.</td>
<td>Law</td>
<td>D’Ambrosia</td>
<td>Approved by voice vote without objection</td>
<td>Passes</td>
<td>Agenda Item #6.012</td>
</tr>
<tr>
<td>10</td>
<td>Grant the second Study Group recharter of the 802.11 Extremely High Throughput (EHT) Study Group.</td>
<td>Stanley</td>
<td>Rosdahl</td>
<td>Approved by voice vote without objection</td>
<td>Passes</td>
<td>Agenda Item #6.021</td>
</tr>
</tbody>
</table>
* Motion #11
Grant the first re-chartering of the IEEE 802.21 study group on Network Enablers for Seamless HMD-based VR (Virtual Reality) Content Service
Moved Das
Second Shellhammer
Results approved by voice vote without objections
Motion Passes
Reference Agenda Item #6.061

* Motion #12
Approve the eblast on the P802.1DG project in http://www.ieee802.org/1/files/public/docs2019/dg-draft-cfp-0319-v01.pdf, to be released with editorial changes as deemed necessary
Moved Messenger
Second Law
Results approved by voice vote without opposition
Motion passes
Reference Agenda Item #7.019

* Motion #13
• Approve liaison of the following comment responses to ISO/IEC JTC1/SC6 under the PSDO agreement:
  • CN.1 on IEEE 802.1Q-2018 (revision to ISO/IEC/IEEE 8802-1Q:2016)
Moved Messenger
Second Law
Results approved by voice vote without objections
Motion passes
Reference Agenda Item #7.0191

* Motion #14
• Approve liaison of the following draft(s) to ISO/IEC JTC1/SC6 for information under the PSDO agreement:
  • P802.1AX-Rev D2.0
Moved Messenger
Second Law
Results approved by voice vote without objections
Motion passes
Reference Agenda Item #7.0192

* Motion #15
Approve submission of IEEE 802.3bt-2018 IEEE Standard for Ethernet Amendment 2: Physical Layer and Management Parameters for Power over Ethernet over 4 pairs and IEEE 802.3cd-2018 IEEE Standard for Ethernet Amendment 3: Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation for adoption under the PSDO agreement
Moved Law
Second D’Ambrosia
Results Approved by voice vote without objection
Motion Passes
Reference Agenda Item #7.021
<table>
<thead>
<tr>
<th>Motion #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Approve forwarding of P802.11ax D4.0 and P802.11ay D3.0 to ISO/IEC JTC1/SC6 for information under the PSDO agreement</td>
</tr>
<tr>
<td>Moved</td>
<td>Stanley</td>
</tr>
<tr>
<td>Second</td>
<td>Rosdahl</td>
</tr>
<tr>
<td>Results</td>
<td>Motion passes by voice vote without objection</td>
</tr>
<tr>
<td>Motion</td>
<td>Passes</td>
</tr>
<tr>
<td>Reference</td>
<td>Agenda Item # 7.031</td>
</tr>
</tbody>
</table>

| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.032 |

| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.033 |

| Moved | Stanley |
| Second | Rosdahl |
| Results | Motion passes by voice vote without objection |
| Motion | Passes |
| Reference | Agenda Item #7.034 |

* Motion #20  Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019 |
| Moved | Rosdahl |
| Second | D'Ambrosia |
| Results | |
| Motion | |
| Reference | Agenda Item #8.031 |
| Motion #21 | Motion to Amend Motion #23  
Modify Motion #23 text to -  
Move to modify Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019  
Moved | Marks  
Second | Mody  
Results | Approved by voice vote without objection  
Motion | Passes  
Reference | Agenda Item #8.031 |

| Motion #20 | Amended  
Authorize the Chair & Vice Chair of IEEE 802 JTC1 SC to develop a status report, in conformance with Subclause 7.1.1 of the Operations Manual, on behalf of IEEE 802, based on the status pages in 11-19-0233, for consideration by ISO/IEC JTC1/SC6 at their meeting in April 2019  
Moved | Rosdahl  
Second | D'Ambrosia  
Results | Approved by voice vote without objection  
Motion | Passes  
Reference | Agenda Item #8.031 |