March 2018
IEEE 802
LMSC
118th Plenary Session
4.00 IEEE Staff present

1. Michelle Turner
   role: 802 lead editorial support
   title: Managing Editor, Content Production Management

2. Jonathan Goldberg
   role: 802 staff lead
   Supports dot03, dot15, dot21, dot22, dot24 groups
   title: Manager, Operational Program Management

3. Kathryn Bennet
   role: Managing dot01, dot11, dot16, dot18, dot19 groups
   title: Senior Program Manager

4. Patrick Gibbons
   role: IEEE 802 editorial support
   title: Content Production Management Senior Program Manager

5. Walter Pienciak
   role: OmniRAN, 5G, and additional strategic program support
   title: Senior Strategic Program Manager

6. Patrick Slaats
   role: 5G and additional strategic program support
   title: Strategic Program Manager

7. Jodi Haasz
   role: Fellowship Program lead, SDO global engagement
   title: International Affairs Senior Manager

8. Daniella Martinez
   role: Cross-training opportunity; IEEE 802 editorial support
   title: Content Production Management Associate Content Editor

9. Jennifer Santulli
   role: Cross-training opportunity: manages other standards committees
   title: Program Coordinator

10. Constance Weise
    role: Fellowship Program support
    title: IEEE SA Fellowship Program Manager
4.01 Meeting Fee Waivers

Invited Guests

Motion: Approve waiving the plenary session registration fee for the following individuals:

EC Motion: Mover: tbd Seconder: tbd

1. TBD for this session

__Y/__N/__A (consent agenda item)
5.01 Chair’s Announcements

• Chair’s opening remarks

  – Reminder #1: Pass around an attendee sign in sheet

    note: 802 EC standing committee chairs to be appointed

  – Reminder #3 802 Chair’s Open Office Hours, Thursday 9:00-10:00, Nikolich (location: Directors AB )

  – Reminder #4 Request interim EC meeting be scheduled for 05 June 1-3PM ET NOTE: one week earlier than usual to avoid conflict with 12-14 June SASB

  – Reminder #5 request a joint meeting among 802.11aq, 802.1 and IEEE BoG RAC members
5.011 Chair’s Announcements

- Potential appointed voting members of 802 Executive Committee
  1st Vice Chair: James Gilb
  2nd Vice Chair: Roger Marks
  Executive Secretary: Jon Rosdahl
  Recording Secretary: John D’Ambrosia
  Treasurer: George Zimmerman

- Potential appointed non-voting members of the 802 Executive Committee
  Hibernating 802.20 WG Ch: Radhakrishna Canchi
  Hibernating 802.16 WG Ch: Roger Marks
  Member Emeritus: Geoff Thompson
  802/Wireless Chairs: Bob Heile
  802/JTC1: Andrew Myles
  802/ITU: Glenn Parsons
  802/IETF: Dorothy Stanley
5.02 IEEE Boards updates

• SA Standards Board resolutions December/February 2018
  – The SASB will continue to follow-up on the SASB Ratification of the Actions taken by the IEEE 802 LMSC Sponsor in Connection with the 802.11 TGax Complaint until the project completes Sponsor ballot.

• Computer Society Standards Activity Board meetings 2018
  – No update

• SA BoG meetings February 2018
  – No update

• IEEE BoD meetings February 2018
  – New executive director, Stephen Welby, as of 01 January 2018
5.03 SA Standards Board Actions

Project Authorization Approvals DEC2017/FEB2018

New Projects: P802.15.10a..

Modified PAR: P802.11ax, P802.11az..

Revisions: none..

Corrigendum: none..

Withdrawals: none..

Extensions: P802.15.8..

Other: none..
5.03 SA Standards Board Actions

Standards Ratification Actions DEC2017/FEB2018

New Standards: P802.3bs, P802.3cc, P802.11aj, P802.15.3f, P802.15.8, P802.15.4s..

Revised Standards: P802.16..

Corrigendum: P802.15.4-2015/Cor1, P802.21-2017Cor1..

Extensions: none..

Withdrawals: none..

Other Notes: none..
## 5.04
### LMSC Email Ballot Recap

<table>
<thead>
<tr>
<th>open date</th>
<th>topic</th>
<th>yes/no/abs/dnv*</th>
<th>result</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) 09JAN</td>
<td>Approve travel expenses to Spain</td>
<td>15/00/00/01</td>
<td>pass</td>
</tr>
<tr>
<td>2) 15JAN</td>
<td>Approve 802.22b reply to JTC1</td>
<td>12/00/03/01</td>
<td>pass</td>
</tr>
<tr>
<td>3) 19JAN</td>
<td>Approve P802.11ak to RevCom</td>
<td>15/00/00/01</td>
<td>pass</td>
</tr>
<tr>
<td>4) 23JAN</td>
<td>Approve 802.18 response to Ofcom</td>
<td>10/01/00/04</td>
<td>pass</td>
</tr>
</tbody>
</table>

* 802 chair is counted as DNV unless his vote is required
## 5.05 EC Affiliation Update

### IEEE 802 Executive Committee Members

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Paul Nikolich</td>
<td>Self, Intel, Huawei, Silver Spring Networks octoScope, Wyebot, UWNH BCoE, YAS BBV</td>
</tr>
<tr>
<td>First Vice Chair</td>
<td>Pat Thaler</td>
<td>Broadcom Limited</td>
</tr>
<tr>
<td>Second Vice Chair</td>
<td>James P. K. Gilb</td>
<td>General Atomcs Aeronautical Systems, Inc.</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Clint Chaplin</td>
<td>Self</td>
</tr>
<tr>
<td>Recording Secretary</td>
<td>John D’Ambrosia</td>
<td>Futurewei, a subsidiary of Huawei</td>
</tr>
<tr>
<td>Executive Secretary</td>
<td>Jon Rosdahl</td>
<td>Qualcomm Technologies, Inc.</td>
</tr>
<tr>
<td>P802.1 High Level Interface (HILI)</td>
<td>Glenn Parsons</td>
<td>Ericsson</td>
</tr>
<tr>
<td>P802.3 Ethernet</td>
<td>David Law</td>
<td>Hewlett Packard Enterprise</td>
</tr>
<tr>
<td>P802.11 Wireless Local Area Network (WLAN)</td>
<td>Adrian Stephens</td>
<td>Intel Corporation</td>
</tr>
<tr>
<td>P802.15 Wireless Personal Area Network (WPAN)</td>
<td>Bob Heile</td>
<td>Wireless Communication Consulting, LLC., Wi-SUN Alliance</td>
</tr>
<tr>
<td>P802.16 Broadband Wireless Access</td>
<td>Roger Marks</td>
<td>EthAirNet Associates, Huawei</td>
</tr>
<tr>
<td>P802.18 Radio Regulatory TAG</td>
<td>Rich Kennedy</td>
<td>Hewlett Packard Enterprise</td>
</tr>
<tr>
<td>P802.19 Wireless Coexistence</td>
<td>Steve Shellhammer</td>
<td>Qualcomm Technologies, Inc.</td>
</tr>
<tr>
<td>P802.21 Media-independent Handover</td>
<td>Subir Das</td>
<td>Vencore Labs</td>
</tr>
<tr>
<td>P802.22 Wireless Regional Area Networks</td>
<td>Apurva Mody</td>
<td>BAE Systems, White Space Alliance</td>
</tr>
<tr>
<td>P802.24 Vertical Network Applications TAG</td>
<td>Tim Godfrey</td>
<td>EPRI</td>
</tr>
<tr>
<td>Member Emeritus</td>
<td>Geoff Thompson</td>
<td>GraCaSI Advisors</td>
</tr>
</tbody>
</table>

### Hibernating Working Groups

<table>
<thead>
<tr>
<th>Working Group</th>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
</table>
5.05 EC Affiliation Update

• Changes in affiliation among EC members from previous slide?
## 5.06 Cross-802 Topics

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Monday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:00-19:20</td>
<td>Tutorial: none/open</td>
<td></td>
</tr>
<tr>
<td>19:30-20:50</td>
<td>Tutorial: none/open</td>
<td></td>
</tr>
<tr>
<td>21:00-22:30</td>
<td>Tutorial: none/open</td>
<td></td>
</tr>
<tr>
<td><strong>Tuesday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30-15:30</td>
<td>802/JTC1 Standing Committee, Myles</td>
<td>Directors AB</td>
</tr>
<tr>
<td>13:30-15:30</td>
<td>802/IETF Standing Committee, Thaler</td>
<td></td>
</tr>
<tr>
<td>19:30-21:30</td>
<td>802.1 Network Enhancements for the Next Decade, Marks</td>
<td>Grand Ballroom C</td>
</tr>
<tr>
<td><strong>Wednesday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:30-21:30</td>
<td>Social Reception</td>
<td>Grand Ballroom Foyer</td>
</tr>
<tr>
<td><strong>Thursday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:30-08:00</td>
<td>Next Venue Logistics, Rosdahl</td>
<td>Directors AB</td>
</tr>
<tr>
<td>08:00-09:00</td>
<td>Future Venues Ad Hoc, Rosdahl</td>
<td></td>
</tr>
<tr>
<td>09:00-10:00</td>
<td>802 Chair’s Open Office Hours, Nikolich</td>
<td></td>
</tr>
<tr>
<td>08:00-09:00</td>
<td>802/ITU Standing Committee, Parsons</td>
<td>Sky Harbor A</td>
</tr>
</tbody>
</table>
## 5.07 Pre-PAR activity

<table>
<thead>
<tr>
<th>Group</th>
<th>New</th>
<th>Existing</th>
</tr>
</thead>
<tbody>
<tr>
<td>dot01</td>
<td>..</td>
<td>Industries Connections deliberations on IEEE 802 network enhancements for the next decade..</td>
</tr>
<tr>
<td>dot03</td>
<td>Bi-directional 10G&amp;25G optical access PHYs</td>
<td>Beyond 10km Optical PHYs.. 10 Mb/s Backplane Ethernet.. 100 Gb/s per Lane Electrical.. Next-generation 200&amp;400 Gb/s MMF PHY.. ICAID: New Ethernet Applications ad hoc..</td>
</tr>
<tr>
<td>dot11</td>
<td>Full Duplex Topic Interest Group</td>
<td>Light Communications SG</td>
</tr>
<tr>
<td></td>
<td>Broadcast Services Study Group</td>
<td>Advanced Access Network Interface (AANI) Standing Committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wireless Next Generation Standing Committee.</td>
</tr>
<tr>
<td>dot15</td>
<td>..</td>
<td>SG none.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Interest Groups: TeraHertz, High Rate Rail Communications, Vehicle Assisted Technology, Link Dependability</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SC: IETF/6tisch.</td>
</tr>
</tbody>
</table>
## 5.07 Pre-PAR activity

<table>
<thead>
<tr>
<th>dot16</th>
<th>None.</th>
<th>None.</th>
</tr>
</thead>
<tbody>
<tr>
<td>dot18</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot19</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot21</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot22</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot24</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot ECSG</td>
<td>None.</td>
<td>None.</td>
</tr>
</tbody>
</table>
5.08 Draft PARs to NesCom

1. P802.1CBcv  Frame Replication and Elimination for Reliability Amendment: Information Model, YANG Data Model and Management Information Base Module
2. P802.1DC - Standard for Quality of Service Provision by Network Systems
3. P802.1CBdb - Amendment: Extended Stream Identification Functions
4. P802.1Qcz - Amendment: Congestion Isolation
5. P60802 - Standard: Time-Sensitive Networking Profile for Industrial Automation
6. P802.3cg, Amendment: 10 Mb/s Operation over Single Balanced Twisted-pair Cabling and Associated Power Delivery
7. P802.3ck - Amendment: 100 Gb/s Signaling
8. P802.3cm - Amendment: 400Gb/s over MMF
9. P802.11bb - Amendment: Light Communications (LC)
10. P802.15.4w - Amendment: LPWA (Low Power Wide Area)
11. P802.15.4x - Amendment: FANE (Field Area Network Enhancements)
12. P802.15.4y - Amendment: SECN (Security Next Generation)
13. P802.15.4z - Amendment: EIR (Enhanced IR-UWB Ranging)
14. P802.22.3 - Standard: Spectrum Characterization and Occupancy Sensing, PAR Modification and Extension

PAR withdrawal requests:
1. None.
5.09 Drafts to Sponsor Ballot

1. 802.01: P802.1ACct, P802.1AS-rev, P802.1Xck..
2. 802.03: none..
3. 802.11: none..
4. 802.15: P802.15.1 revision
5. 802.16: none..
6. 802.19: P802.19.1 revision
7. 802.20: none..
8. 802.21: none..
9. 802.22: none..
10. 802.24: none..
5.10 Drafts to RevCom

1. 802.01: P802.1Qcc, P802.1CM, P802.Qcp, P802.1AR-rev, P802.1Q-rev..
2. 802.03: P802.3cb 2.5 Gb/s and 5 Gb/s Backplane (conditional), IEEE P802.3 (IEEE 802.3ej) Maintenance #12 (revision) (conditional).
3. 802.11: P802.11aq..
4. 802.15: none..
5. 802.16: none..
6. 802.19: none..
7. 802.21: none..
8. 802.22: none..
9. 802.24: none..
STDs due for 10 yr maintenance by DEC 2018

- none
5.11 Draft Documents for EC to consider

1. 802.EC: TBD
2. 802.01: liaisons to 802.3, MEF, BBF, ETG, etc..
4. 802.11: anticipated: liaison letters..
5. 802.15: none.
6. 802.16: none..
7. 802.18: tbd
8. 802.19: none..
9. 802.21: none..
10. 802.22: none.
11. 802.24: none.
12. 802/JTC1 SC: tbd.
15. 802/Wireless Chairs SC: tbd.
5.12 EC Action Item recap

- Review Recording Secretary’s list of Open Action Items
5.13 802 Task Force

• 802 Task Force Thurs 10:30AM-12:30

Tentative agenda

1. Open portion of meeting:
   1. IEEE SA tools update & discussion, 10 min, Roger Marks, Goldberg
   2. SA database review status update, 10 min, Jonathan Goldberg
   3. Global Data Protection Regulation, status update, 5 min, Jonathan Goldberg
   4. Any other business, 5 min, all?
   5. Action item review, 5 min, Nikolich

2. Closed portion of meeting:
   1. (Time specific: 11:00-noon)
      IEEE Legal update, IEEE counsel via phone

3. Adjourn
5.50 EC meetings for the week

Sunday 19:30-21:30  LMSC Rules Review

Mon 08:00-10:00  Opening Executive Committee meeting

Tue 07:00-13:30  open
Tue 13:30-15:30  802/JTC1/SC6  Standing Committee
Tue 13:30-15:30  802/IETF  Standing Committee
Tue 16:00-18:00  open

Thu 08:00-09:00  802/ITU  Standing Committee
Thu 07:30-08:00  Next plenary venue space allocation planning
Thu 08:00-09:00  Future venue planning
Thu 09:00-10:00  802 Chair’s Open Office hour
Thu 10:30-12:30pm  IEEE 802 Task Force
Thu 13:30-15:30  802/JTC1/SC6  Standing Committee
Thu 16:00-18:00pm  open

Fri 08:00-10:00  open
Fri 10:00-12:00  closing EC agenda prep
Fri 13:00-18:00  closing Executive Committee meeting
Chair’s Closing Remark

<table>
<thead>
<tr>
<th>802 WG</th>
<th>#pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>802.1</td>
<td>4996</td>
</tr>
<tr>
<td>802.3</td>
<td>6003</td>
</tr>
<tr>
<td>802.11</td>
<td>4292</td>
</tr>
<tr>
<td>802.15</td>
<td>3419</td>
</tr>
<tr>
<td>802.16</td>
<td>4735</td>
</tr>
<tr>
<td>802.19</td>
<td>649</td>
</tr>
<tr>
<td>802.20</td>
<td>1282</td>
</tr>
<tr>
<td>802.21</td>
<td>525</td>
</tr>
<tr>
<td>802.22</td>
<td>1687</td>
</tr>
<tr>
<td>total</td>
<td>27588</td>
</tr>
</tbody>
</table>

To everyone that has contributed to 802 Standards over almost four decades – well done!
End of Opening EC Meeting