Standards Project Authorization

1. August 25, 1979
   Date of Request

2. (X) New Standard
   ( ) Revision of
   ( ) Withdrawal of
   Standard No.
   Project No. 520-
   Date Approved

3. Project Title: Local network for Computer Interconnection.

4. Scope and Purpose of Proposed Standard: The proposed standard will apply to data processing devices which need to communicate with each other at a moderate data rate (1 M bit/sec) and within a local area (physical data path up to 4 km). The purpose of the proposed standard is to provide compatibility between devices of different manufacturers so that the hardware and software customization necessary for effective data communication is minimized or eliminated.

5. Sponsor: Computer Standards Committee
   Computer Society

6. Proposed ANSI Committee:
   X3
   Date Approved
   Standard No.

7. Method of Coordination:
   Dr. Herbert Hecht
   Computer Society Representative to X3. Also coordination with
   IEC Committees will be undertaken. Minutes will be mailed to ANSI x 3 Secretary.

8. Estimated Final Ballot Date:
   December 1982
   To Standards Board

9. Person Designated to Receive Communications and Conduct Liaison with Interested Bodies:
   Maris Graube
   Tektronix, Inc.
   P. O. Box 500, W5-58-188
   Beaverton, OR 97077 (503) 644-0161 Ext. 6234
   City State Zip Code Telephone

10. Submitted by:
    Dr. Robert G. Stewart
    Stewart Research Enterprises
    1658 Delvoir Drive
    Los Altos, CA 94022 (415) 941-8699

November 2018
IEEE 802
LMSC
120th Plenary Session

DCN ec-18-0198-01-EC
4.00 IEEE Staff

Notes:
Staff will not be physically present at the Plenary Session, support will be provided remotely. Details on the remote support logistics are pending staff input.

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

2. Jonathan Goldberg  role: 802 staff lead
Supports dot11, dot15, dot18, dot19, dot21 and dot22 groups
title: Operational Program Management Manager

3. Nicholas Orlando  role: Managing dot01, dot03, dot16, and dot24 groups
title: Program Manager

4. Jodi Haasz  role: SDO global engagement
title: International Affairs Senior Manager
4.01 Meeting Fee Waivers

Invited Guests

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

1. Russ Housley, IETF Delegate
   affiliation: Vigil Security
2. Masanori Kondo, Deputy Secretary General of APT
   affiliation: Asia-Pacific Telecommunity (APT)

Mover: Jay Holcomb
Seconder: Dorothy Stanley

___Y/___N/___A (consent agenda item)
5.01 Chair’s Announcements

• Chair’s opening remarks

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

  – Reminder #2: Welcome back Glenn! Thank you John Messenger and Jessy Rouyer.

  – Reminder #3: 802 Chair’s Open Office Hours, Thursday 9:00-10:00, Nikolich
    (location: Apartment 1 9th Floor)

  – Reminder #4: Interim EC meeting scheduled for 05 February 2019 1-3PM ET

  – Reminder #5: tbd
5.02 IEEE Boards updates

• SA Standards Board
  – Continues oversight of the 802.11ax project
  – SASB Ad Hoc committee is working on updating 5.2.1.3 Dominance SASB Bylaw text

• Computer Society Standards Activity Board 2018
  – Jon Rosdahl is CS VP Standards and SAB Chair, see Jon for more details.

• SA BoG:
  – The BOG approved Intelligent Spectrum Allocation and Management as an IEEE-SA position statement.
  – Appointments to the SA SB and SA BoG to be announced in December 2018
  – Rob Fish becomes the Standards Association President 01 January 2019

• IEEE BoD and Technical Activities
  – Significant effort is being allocated to improving operational and financial transparency across the IEEE.
  – Work continues on bridging the gap between Technical Activities and Standards Association
5.02 Board Updates

• A list of the current 802 members on various boards and subcommittees
  – IEEE BoD: none
  – Standards Association
    • BoG: none; RAC: Grow, Thompson, Marks, Montemurro
    • Stds Board: Stanley, Hiertz, Myles, Nikolich
    • Sub committees: Law, Myles,
  – Technical Activities
    • TAB rep to SASB: Nikolich
    • TAB Cmte on Stds: Rosdahl, Nikolich
    • Computer Society VP Stds: Rosdahl
  – Educational Activities
    • Stds Educ. Cmte.: Law, Stephens
  – Member/Geographic Activities
    • MGA rep: Law?
  – Publications: none
5.03 SA Standards Board Actions

Project Authorization Approvals SEP/OCT 2018

New Projects: P802.1Qcz, P802.1Qdd, P802.3cn, P802.3cq, P802.3cr.

Modified PAR: P802.1Qcr.

Revisions: none.

Corrigendum: none.

Withdrawals: none.

Extensions: P802.1CF, P802.11ax, P802.15.7.

Other: none.
5.03 SA Standards Board Actions

Standards Ratification Actions SEP/OCT 2018

New Standards: P802.1Xck, P802.3bt, P802.3cb.


Corrigendum: P802.1AC-2016/Cor1.

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>
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</thead>
<tbody>
<tr>
<td>30JUL</td>
<td>802 comments to Uganda on TVWS</td>
<td>11/00/01/03</td>
<td>approved</td>
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<tr>
<td>17AUG</td>
<td>Enet BW Assessment activity</td>
<td>14/00/00/01</td>
<td>approved</td>
</tr>
<tr>
<td>22AUG</td>
<td>P802.11aq press release</td>
<td>11/00/00/04</td>
<td>approved</td>
</tr>
<tr>
<td>24AUG</td>
<td>802 comments to Ofcom on WRC19 items</td>
<td>10/00/01/05</td>
<td>approved</td>
</tr>
<tr>
<td>07SEP</td>
<td>802.11 EHT Study Group press release</td>
<td>09/00/00/06</td>
<td>approved</td>
</tr>
<tr>
<td>09SEP</td>
<td>802.19.1 Revision press release</td>
<td>12/00/00/03</td>
<td>approved</td>
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<tr>
<td>21SEP</td>
<td>Support for SA TSN/A conference 2018</td>
<td>11/00/00/04</td>
<td>approved</td>
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* 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, Itron, octoScope, Wyebot, UNH BCoE, YAS BBV</td>
</tr>
<tr>
<td>First Vice Chair</td>
<td>James P. K. Gilb</td>
<td>General Atomics Aeronautical Systems, Inc., Gilb Consulting, University of San Diego</td>
</tr>
<tr>
<td>Second Vice Chair</td>
<td>Roger Marks</td>
<td>EthAirNet Associates, Huawei</td>
</tr>
<tr>
<td>Treasurer</td>
<td>George Zimmerman</td>
<td>CME Consulting, Analog Devices, Aquantia, APL Group, BMW, Cisco Systems, CommScope</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>Dorothy Stanely</td>
<td>Hewlett Packard Enterprise</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>P802.18 Radio Regulatory TAG</td>
<td>Jay Holcomb</td>
<td>Itron Inc.</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>Perspecta 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>Electric Power Research Institute</td>
</tr>
<tr>
<td>Member Emeritus</td>
<td>Geoff Thompson</td>
<td>Self, GraCaSI Advisors</td>
</tr>
<tr>
<td>Member Emeritus</td>
<td>Clint Chaplin</td>
<td>Self</td>
</tr>
</tbody>
</table>

### Hibernating Working Group

| P802.16 Broadband Wireless Access       | Roger Marks           | EthAirNet Associates, Huawei                                                                                                                 |
5.05 EC Affiliation Update

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

### Monday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>18:00-19:20</td>
<td>Tera Hertz Communications Tutorial</td>
<td>Thai Chitlada 1 2nd floor</td>
</tr>
<tr>
<td>19:30-20:50</td>
<td>Tutorial #2: The new LMSC P&amp;P, WG P&amp;P &amp; how to take good minutes</td>
<td>Thai Chitlada 1 2nd floor</td>
</tr>
<tr>
<td>21:00-22:30</td>
<td>Tutorial 3: none/open</td>
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### Tuesday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Notes</th>
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<tbody>
<tr>
<td>13:30-15:30</td>
<td>802/JTC1 Standing Committee, Myles</td>
<td>Apartment 1 9th floor</td>
</tr>
<tr>
<td>13:30-15:30</td>
<td>802/IETF Standing Committee, Stanley</td>
<td></td>
</tr>
<tr>
<td>19:30-21:30</td>
<td>802 Network Enhancements for the Next Decade, Marks</td>
<td>Pavilion 1/2 4th floor</td>
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### Wednesday

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>18:30-21:30</td>
<td>Social Reception</td>
<td>Off Site</td>
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### Thursday

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>07:30-08:00</td>
<td>Next Venue Logistics, Rosdahl</td>
<td>Apartment 1 9th floor</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>Apartment 3 9th floor</td>
</tr>
</tbody>
</table>
5.07 Drafts to Sponsor Ballot

1. 802.01: P802.1AS-rev (conditional).
2. 802.03: none.
3. 802.11: none.
4. 802.15: none,
5. 802.19: none,
6. 802.21: none
7. 802.22: none
8. 802.24: none
5.08 Drafts to RevCom

1. 802.01: P802.1Qcy (cond), P802.1CF (cond).
2. 802.03: none.
3. 802.11: none.
4. 802.15: P802.15.10a (cond).
5. 802.19: none,
6. 802.21: none,
7. 802.22: none,
8. 802.24: none,
5.09 Draft Documents for EC to consider

1. 802.EC Policy and Procedure updates.
2. 802.EC: drafts&standards to JTC1/SC6:
   - for adoption:
   - for information:
3. 802.01: liaisons to 802.3, MEF, BBF, ETG, etc..
4. 802.03: none.
5. 802.11: liaison letters to WBA re: MAC randomization, possible fwd amendments to ISO JTC1/SC6.
6. 802.15: none.
7. 802.18: tbd
8. 802.21: none,
9. 802.22: none,
10. 802.24: none,
11. 802/JTC1 SC: tbd,
12. 802/ITU SC: none,
5.10 Draft PARs to NesCom

1. P802.1CMde - Amendment: Enhancements for Fronthaul Interface, Synchronization, and Synchronization Standards.
4. P802.3ca 25 Gb/s and 50 Gb/s Passive Optical Networks, PAR Modification request
5. P802.3ca 25 Gb/s and 50 Gb/s Passive Optical Networks, PAR Extension request.
6. P802.3cp Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs amendment.
7. P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) amendment.
8. P802.11bc Enhanced Broadcast Service.
9. P802.11bd Enhancements for Next Generation V2X.
10. P802.19 -Recommended Practice - Coexistence Methods for Sub-1 GHz Frequency Band
11. P802.22 - Standard – Revision, PAR Extension request
12. P802.22.3 - Standard - Spectrum Characterization and Occupancy Sensing, PAR Extension request.

PAR withdrawal requests:
1. None.
## 5.11 Pre-PAR activity

<table>
<thead>
<tr>
<th>Group</th>
<th>New</th>
<th>Existing</th>
</tr>
</thead>
<tbody>
<tr>
<td>dot01</td>
<td>None.</td>
<td>Industry Connections: 802 Network Enhancements for the Next Decade (NENDICA).</td>
</tr>
<tr>
<td>dot03</td>
<td>- 100 Gb/s Lamda.</td>
<td>- Bi-directional 10G,25G&amp;50G optical access PHYs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Ethernet Access PMDs for Central Office Consolidation (Super-PON).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Industry Connections: New Ethernet Applications (NEA) ad hoc.</td>
</tr>
<tr>
<td>dot11</td>
<td>- Full Duplex Study Group.</td>
<td>- EHT Study Group.</td>
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<tr>
<td></td>
<td></td>
<td>- Broadcast Services Study Group.</td>
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<tr>
<td></td>
<td></td>
<td>- Next Generation V2X Study Group.</td>
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<tr>
<td></td>
<td></td>
<td>Wireless Next Generation Standing Committee.</td>
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<tr>
<td></td>
<td></td>
<td>Interest Groups: none.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Standing Committees: IETF/6tisch.</td>
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</table>
## 5.11 Pre-PAR activity

<table>
<thead>
<tr>
<th>Group</th>
<th>New</th>
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</thead>
<tbody>
<tr>
<td>dot18</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot19</td>
<td>None.</td>
<td>Sub 1 GHz coexistence.</td>
</tr>
<tr>
<td>dot21</td>
<td>None.</td>
<td>Interest Group: Network enablers for seamless VR content service.</td>
</tr>
<tr>
<td>dot22</td>
<td>None.</td>
<td>None.</td>
</tr>
<tr>
<td>dot24</td>
<td>None.</td>
<td>None.</td>
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<tr>
<td>dot ECSG</td>
<td>None.</td>
<td>None.</td>
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</table>
STDs due for 10 yr maintenance by DEC 2018

- none
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; Marks or Law
   2. Web conferencing service alternative(s) discussion, 10 min; Law
   3. (Possible) update on availability of Get program Terms and Conditions, 5 min; Law
   4. Identify process to resolve broken links due to SA website reconfig?, tbd min; tbd
   5. Any other business, 5 min, all?
   6. Action item review, 5 min, Nikolich

2. Closed portion of meeting:
   1. To be determined

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
802 Standards Page Count Status
as of March 2018

<table>
<thead>
<tr>
<th>802 WG</th>
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<tr>
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<td>4996</td>
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<td>802.3</td>
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<td>802.22</td>
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<tr>
<td>total</td>
<td>27588</td>
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</table>

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