IEEE 802 LMSC 116th Plenary Session

Local network for Computer Interconnection.

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 manufacture so that the hardware and software customization necessary for effective data communication is minimized or eliminated.

Sponsor: Computer Standards

Technical Committee: Computer Society

Proposed ANSI Committee: X3

Project No: 204

Date Approved: 3/13/60

Project Title: Local network for Computer Interconnection.

Proposed Coordination:

Dr. Herbert Hecht, Computer Society Representative to X3. Also coordination with IEC Committee will be undertaken. Minutes will be mailed to ANSI X3 Secretary.

Local Network Working Group

Estimated Final Ballot Date: December 1982

To Standards Board

Person Designated to Receive Communications and Conduct Liaison with Interested Bodies:

Marilyn Graube

Tektronix, Inc.

P. O. Box 500, M/S 58-188

Beaverton, OR 97077 (503) 644-0161 Ext. 6234

Telephone

Submitted by:

Dr. Robert G. Stewart

Stewart Research Enterprises

1658 Deloitte Drive

Los Altos, CA 94022 (415) 941-8699

Telephone
4.00 IEEE Support Staff

1. Michelle Turner  
   role: 802 editorial support lead  
   title: Managing Editor

2. Jonathan Goldberg  
   role: 802 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. Walter Pienciak  
   role: Focus on 802.1 (OmniRAN), IEEE 802.16 and 5G  
   title: Senior Strategic Program Manager

5. Patrick Slaats  
   role: Support of 5G related and 802 strategic activities  
   title: Strategic Program Manager

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

7. Naasha Alvardo  
   role: Fellowship Program support  
   title: OPM Project Associate

8. Patrick Gibbons  
   role: IEEE 802 editorial support  
   title: CPM Senior Program Manager
4.01 Meeting Fee Waivers

Invited Guests

Motion: Approve meeting fee waivers for the July 2017 LMSC session for the following individuals:

EC Motion: Mover: tbd Seconder: tbd

1. TBD - affiliation: unknown
2. TBD - affiliation: unknown

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

• Chair’s opening remarks
  – Reminder #1: Pass around an attendee sign in sheet
  – Reminder #2: June Interim EC meeting motion: Permit individuals to attend the initial 802.1 Industry Connections meeting Tuesday evening (July 11th, 2017) without registering (without intending to establish a precedent).
  – Reminder #3 802 Chair’s Open Office Hours, Thursday 9:00-10:00, Nikolich (location: )
5.01 In Memoriam
Ron Crane (19xx-2017)

- 802 accomplishments to be added
5.01 Interim EC telecon
October meeting notice

- Interim EC meeting scheduled for
  - 10 October 1-3PM ET
5.02 IEEE Boards updates

• SA Standards Board resolutions March 2017
  – In regards to P802.11ax, the SASB concluded that the measures are effective, SASB oversight will continue, and notes that a ProCom Ad Hoc was formed to determine whether changes are needed in IEEE-SA policies and procedures regarding dominance.

• Computer Society Standards Activity Board meetings 2017
  – No updates

• SA BoG meetings May 2017
  – SA 2018 budget discussions begun
  – Approved slate of candidates for BoG and CAG 2017 election/appointment process
  – Approved External Representatives for NFPA committees

• IEEE BoD meetings June 2017
  – Issued technologists in Internet policy position statement
    http://globalpolicy.ieee.org/380-2/
5.03 SA Standards Board Actions

Project Authorization Approvals MAR 2017

New Projects: P802.3ch, P802.3cj (maint#12), P802.15.3f, P802.15.13

Modified PAR: none,

Revisions: P802.11, P802.15.4,

Reaffirmations: none.

Corrigendum: none.

Withdrawals: none.

Extensions: none.

Other: none.
5.03 SA Standards Board Actions

Standards Ratification Actions March 2017

New Standards: 802.3-2015/Cor-1-2017, P802.11ah, P802.11ai,

Revised Standards: none.

Reaffirmations: none.

Corrigendum: P802.3-2015/Cor1,

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) 20MAR</td>
<td>Approve ITU-R WP5A communications</td>
<td>10/01/00/05</td>
<td>pass</td>
</tr>
<tr>
<td>2) 22MAY</td>
<td>Approve ITU-R Light contribution</td>
<td>12/00/00/04</td>
<td>pass</td>
</tr>
<tr>
<td>3) 29MAY</td>
<td>802.3 liaison response to ITU-T SG15</td>
<td>5 day review, no comments received</td>
<td></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, UNH 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 Atomics 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>
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</table>

### Hibernating Working Groups

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: Practical PoE</td>
<td>ECC Room 1</td>
</tr>
<tr>
<td>19:30-20:50</td>
<td>Tutorial Optical Wireless</td>
<td>ECC Room 1</td>
</tr>
<tr>
<td>21:00-22:30</td>
<td>Tutorial 802 Ethernet for Automotive</td>
<td>ECC Room 1</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>Room: 30441 4th fl.</td>
</tr>
<tr>
<td>13:30-15:30</td>
<td>802/IETF Standing Committee, Thaler</td>
<td>Room: tbd</td>
</tr>
<tr>
<td>19:00-21:00</td>
<td>802.1 Industry Connections: Network Enhancements for the next decade</td>
<td>Room: tbd</td>
</tr>
<tr>
<td><strong>Wednesday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08:00-09:00</td>
<td>802/ITU Standing Committee, Parsons</td>
<td>Room: 30241 2nd fl.</td>
</tr>
<tr>
<td>19:00-21:30</td>
<td>Social Reception</td>
<td>Estrel Berlin Boat Dock</td>
</tr>
<tr>
<td><strong>Thursday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07:00-08:00</td>
<td>Next Venue Logistics, Rosdahl</td>
<td>Room: 30241 2nd fl.</td>
</tr>
<tr>
<td>08:00-09:00</td>
<td>Future Venues Ad Hoc, Rosdahl</td>
<td>Room: 30241 2nd fl.</td>
</tr>
<tr>
<td>09:00-10:00</td>
<td>802 Chair’s Open Office Hours, Nikolich</td>
<td>Room: 30441 4th fl.</td>
</tr>
<tr>
<td>13:30-15:30</td>
<td>802/JTC1 Standing Committee, Myles</td>
<td>Room: 30441 4th fl.</td>
</tr>
</tbody>
</table>
5.07 Drafts to Sponsor Ballot

1. 802.01: none.
2. 802.03: P802.3bt DTE power,
3. 802.11:.
4. 802.15: P802.15.4s, P802.15.3f (cond) and P802.15.4-2015/Cor1 (cond)
5. 802.16: P802.16Rev4 (cond)
6. 802.19:.
7. 802.21: P802.21-2017/Cor1,
8. 802.22: none.
5.08 Drafts to RevCom

1. 802.01: none.
2. 802.03: P802.3bs 200G and P802.3cc 25G,
3. 802.11: P802.11q (cond),
4. 802.15: P802.15.3d,
5. 802.16: P802.16s/D3,
6. 802.19: P802.19.1a,
7. 802.21: none.
8. 802.22: none.
5.09 Draft Documents for EC to consider

1. 802.00: response to SASB regarding remedy effectiveness.
2. 802.01: none.
3. 802.03:
4. 802.11: P802.11ah press release, several potential 3GPP liaisons
5. 802.15: none.
6. 802.16: none.
7. 802.18:
8. 802.19: Liaison to 3GPP on LAA/802.11 coexistence,
9. 802.21: none.
10. 802.22: none.
11. 802.24: none.
12. 802/JTC1 SC: tbd.
15. 802/Wireless Chairs SC: tbd.
STDs due for 10 yr maintenance by DEC16

• none
5.10 Draft PARs to NesCom

1. 802.1ABcu - Amendment: LLDP YANG Data Model
2. 802.1ACct - Amendment: Support for IEEE Std 802.15.3
3. 802.1AS-Rev - Timing and Synchronization for Time-Sensitive Applications PAR Modification Request
4. 802.1CBcv - Amendment: Information Model, YANG Data Model and Management Information Base Module
5. 802.1Qcc - Stream Reservation Protocol (SRP) Enhancements and Performance Improvements PAR extension
6. 802.1Qcw - Amendment: YANG Data Models for Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing
7. 802.1Qcx - Amendment: YANG Data Model for Connectivity Fault Management
8. 802.1AE - Standard for Local and Metropolitan Area Networks: Media Access Control (MAC) Security Maintenance PAR
9. 802.3bt - Amendment: DTE Power via MDI over 4-Pair PAR Extension Unmodified CSD

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>.</td>
<td>Industries Connections deliberations on IEEE 802 network enhancements for the next decade.</td>
</tr>
<tr>
<td>dot03</td>
<td>Beyond 10km Optical PHYs.</td>
<td>ICAID: New Ethernet Applications. Enterprise/Campus/Data Centre Ethernet ad hoc.</td>
</tr>
<tr>
<td>dot15</td>
<td>None.</td>
<td>SG none. Interest Groups: LPWA, TeraHertz, High Rate Rail Communications SC: IETF/6tisch. Recommended practice on how to use 802.15.4.</td>
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</table>
## 5.11 Pre-PAR activity

<table>
<thead>
<tr>
<th>dot16</th>
<th>None.</th>
<th>None.</th>
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<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>
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<tr>
<td>dot22</td>
<td>None.</td>
<td>None.</td>
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<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>
</tr>
</tbody>
</table>
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 staff update, 15 min, Goldberg
   2. Any other business?
   3. Action item review, 5 min, Nikolich

2. Closed portion of meeting (as necessary):
   1. (Time specific 11:30am) IEEE SA tools update/discussion, 15 min, Nikolich + SA staff on phone

3. Adjourn
## 5.50 EC meetings for the week

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
</tr>
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<tbody>
<tr>
<td>Sunday</td>
<td>19:30-21:30</td>
<td>LMSC Rules Review</td>
</tr>
<tr>
<td>Mon</td>
<td>08:00-10:00</td>
<td>Opening Executive Committee meeting</td>
</tr>
<tr>
<td>Tue</td>
<td>07:00-09:00</td>
<td>open</td>
</tr>
<tr>
<td>Tue</td>
<td>13:30-15:30</td>
<td>802/JTC1/SC6 Standing Committee</td>
</tr>
<tr>
<td>Tue</td>
<td>13:30-15:30</td>
<td>802/IETF Standing Committee</td>
</tr>
<tr>
<td></td>
<td>16:00-18:00</td>
<td>open</td>
</tr>
<tr>
<td>Wed</td>
<td>08:00-09:00</td>
<td>802/ITU Standing Committee</td>
</tr>
<tr>
<td>Thu</td>
<td>07:30-08:00</td>
<td>Plenary venue space allocation planning</td>
</tr>
<tr>
<td>Thu</td>
<td>08:00-09:00</td>
<td>Future venue planning</td>
</tr>
<tr>
<td>Thu</td>
<td>09:00-10:00</td>
<td>802 Chair’s Open Office hour</td>
</tr>
<tr>
<td>Thu</td>
<td>10:30-12:30pm</td>
<td>IEEE 802 Task Force</td>
</tr>
<tr>
<td>Thu</td>
<td>13:30-15:30</td>
<td>802/JTC1/SC6 Standing Committee</td>
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<tr>
<td></td>
<td>16:00-18:00pm</td>
<td>open</td>
</tr>
<tr>
<td>Fri</td>
<td>08:00-10:00</td>
<td>open</td>
</tr>
<tr>
<td>Fri</td>
<td>10:00-12:00</td>
<td>closing EC agenda prep</td>
</tr>
<tr>
<td>Fri</td>
<td>13:00-18:00</td>
<td>closing Executive Committee meeting</td>
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</table>
End of Opening EC Meeting