



### Standards Project Authorization

1. <u>August 25, 1979</u> Date of Request		Project No <u>802</u> Approved: <u>3/13/80</u> Date For Standards Committee Use Only	
2. <input checked="" type="checkbox"/> New Standard <input type="checkbox"/> Revision of _____ Standard No. _____		<input type="checkbox"/> Reaffirmation of _____ <input type="checkbox"/> Withdrawal of _____ Standard No. _____	
3. Project Title: <u>Local network for Computer Interconnection.</u>			
4. Scope and Purpose of Proposed Standard: <u>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.</u>			
5. Sponsor <u>Computer Standards</u> Technical Committee		<u>Computer Society</u> Society	
5a. Proposed ANSI Committee: <u>X3</u>		ANSI Project #: _____ Date Approved: _____	
6. Proposed Coordination: <u>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.</u>		Method of Coordination: <u>Communications Society</u> <u>Computer Sids. Committee (added by amendment 9/17/81 StB meeting)</u>	
7. Name of Group that will Write the Standard <u>Microprocessor Standards</u> Subcommittee		<u>Local Network</u> Working Group	
8. Estimated Final Ballot Date <u>December 1982</u> To Technical Committee		<u>March 1983</u> To Standards Board	
9. Person Delegated to Receive Communications and Conduct Liaison with Interested Bodies: Name: <u>Maris Graube</u> Company: <u>Tektronix, Inc.</u> Street address: <u>P. O. Box 500, N/S 5B-188</u> <u>Beaverton, OR 97077 (503) 644-0161 Ext. 6234</u> City: _____ State: _____ Zip Code: _____ Telephone: _____			
10. Submitted by: Name: <u>Dr. Robert G. Stewart</u> Company: <u>Stewart Research Enterprises</u> Street address: <u>1650 Belvoir Drive</u> <u>Los Altos, CA 94022 (415) 941-6699</u> City: _____ State: _____ Zip Code: _____ Telephone: _____			

March 2019  
IEEE 802  
LMSC  
121<sup>th</sup> Plenary Session

## 3.00 Participation in IEEE 802 Meetings

**Participation in any IEEE 802 meeting (Sponsor, Sponsor subgroup, Working Group, Working Group subgroup, etc.) is on an individual basis**

- **Participants in the IEEE standards development individual process shall act based on their qualifications and experience. ([https://standards.ieee.org/develop/policies/bylaws/sb\\_bylaws.pdf](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf) section 5.2.1)**
- **IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)**
- **Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.**
- **Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see [https://standards.ieee.org/develop/policies/bylaws/sb\\_bylaws.pdf](https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf) section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.**

**By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.**

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml>)

# 4.00 IEEE Staff

1. Jonathan Goldberg  
role: 802 lead  
Supports dot11, dot15, dot18, dot19, dot21 and dot22 groups  
title: Operational Program Management Manager
2. Jodi Haasz  
role: 802 support  
supports: dot01, dot03, dot16 and dot24 groups  
title: Operational Program Management Manager
3. Lisa Perry  
role: 802 editorial support  
title: Content Production Manager
4. Jennifer Santulli  
role: 802 support and cross training opportunity  
title: Operational Program Management Program Coordinator
5. Tom Thompson  
role: 802 support and cross training opportunity  
title: Operational Program Management Program Manager
6. Constance Weiss  
role: Fellowship Program support  
title:
7. Angela Thomas  
role: Registration Authority Secretary  
title: Registry Program Manager

# 4.01 Meeting Fee Waivers

## Invited Guests

1. Sumit Roy, Integrated Systems Professor  
affiliation: Univ. Washington, Seattle  
Approved at 05 February 2019 EC telecon without objection

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

1. Bob Gill, faculty, British Columbia Institute of Technology, adjunct professor University of British Columbia, IEEE Vancouver Section Chair

Mover: Jon Rosdahl  
Seconder: Roger Marks

Y/N/A (consent agenda)

# 5.01 Chair's Announcements

- Chair's opening remarks
  - John Messenger and Jessy Rouyer serving as temporary 802.1 WG Chair and Vice-Chair respectively while Glenn is unavailable
  - SASB approved updates to the LOA form and to section 6.3.4 in the SASB Operations Manual as described in [1218patagen\\_6-1-updated](#) (PDF), with an implementation date of 1 June 2019 Reminder #1: Request meeting observers to record their attendance
  - Registration Authority Committee is meeting in parallel with 802 this week.
  - 802 Chair's Open Office Hours, Thursday 9:00-10:00, Nikolich (location: Apartment 1 9<sup>th</sup> Floor)
  - Interim EC meeting scheduled for 04 June 2019 1-3PM ET

# 5.02 IEEE Boards updates

- **SA Standards Board**
  - Approved updates to the LOA form and to section 6.3.4 in the SASB Operations Manual as described in [1218patagen\\_6-1-updated](#) (PDF), with an implementation date of 1 June 2019
  - Oversight of the 802.11ax project continues
  - Ad-hoc committee continues work on updating 5.2.1.3 Dominance SASB Bylaw text (chaired by Andrew Myles)
- **Computer Society Standards Activity Board 2019**
  - 2019 CS VP Standards and SAB Chair is Riccardo Mariani/Intel.
- **SA BoG:**
  - 2019 Standards Association President is Rob Fish/Princeton
  - No known resolutions from February 2019 BoG meeting
- **IEEE BoD and Technical Activities**
  - IEEE Treasurer, Joe Lilly, is devoting significant effort to improving operational and financial transparency across the IEEE.
  - Nikolich appointed to Chair the 2019 TA Committee on Standards (CoS) focus on bridging the gap between Technical Activities and Standards Association

# 5.02 IEEE Boards Updates

- Current 802 members on various boards and subcommittees
  - IEEE BoD: none
  - Standards Association
    - BoG: none;
    - BoG RAC: Grow, Thompson, Marks, Montemurro, Garner, Parsons
    - Stds Board: Law, Levy, Stanley, Myles, Hiertz, Liu, Zhou
    - SASB Sub committees: Hiertz, Myles, Berkema, Law, Liu, Zhou, Stanley, Levy, Zhou, Rosdahl
  - Technical Activities
    - TAB rep to SASB: Dukes replaces Nikolich
    - TAB Cmte on Stds: Nikolich replaces Fish
    - Computer Society VP Stds: Mariani replaces Rosdahl
  - Educational Activities
    - Stds Education Cmte.: Edward Au
  - Member/Geographic Activities
    - MGA rep: David Law
  - Publications: none

# 5.03 SA Standards Board Actions

## **Project Authorization Approvals DEC2018/JAN2019**

**New Projects:** P802.1CMde, P802.1DF, P802.1DG, P802.3ct, P802.3cp, P802.3cs, P802.11bc, P802.11bd, P802.19.3,

**Modified PAR:** P802.3ca,

**Revisions:** none,

**Corrigendum:** none,

**Withdrawals:** 802.15.4r,

**Extensions:** P802.3ca/2020, P802.22/2019, P802.22.3/2019,

**Other:** none,



# 5.03 SA Standards Board Actions

## Standards Ratification Actions DEC2018/JAN2019

**New Standards:** P802.3cd, 802.15.7, 802.15.10a,

**Revised Standards:** none,

**Corrigendum:** none,

**Withdrawals:** none,

**Other Notes:** none,

# 5.04

## LMSC Email Ballot Recap

	<u>open date</u>	<u>topic</u>	<u>yes/no/abs/dnv*</u>	<u>result</u>
1)	11JAN	comments to FCC on 5GAA waiver	12/00/00/03	approved
2)	19JAN	P802.11az CSD modification	06/03/01/04	approved
3)	14FEB	comments to USDOT RFC	10/00/00/05	approved
4)	14FEB	comments to ACMA consultation	11/00/00/05	approved

\* 802 chair is counted as DNV unless his vote is required

# 5.05 EC Affiliation Update

## IEEE 802 Executive Committee Members

Position	Name	Affiliation
Chair	Paul Nikolich	Self, Intel, Huawei, Itron, octoScope, Wyebot, UNH BCoE, YAS BBV
First Vice Chair	James P. K. Gilb	General Atomics Aeronautical Systems, Inc., Gilb Consulting, University of San Diego
Second Vice Chair	Roger Marks	EthAirNet Associates, Huawei
Treasurer	George Zimmerman	CME Consulting, Analog Devices, Aquantia, APL Group, BMW, Cisco Systems, CommScope
Recording Secretary	John D'Ambrosia	Futurewei, a subsidiary of Huawei
Executive Secretary	Jon Rosdahl	Qualcomm Technologies, Inc.
P802.1 High Level Interface (HLI)	Glenn Parsons	Ericsson
P802.3 Ethernet	David Law	Hewlett Packard Enterprise
P802.11 Wireless Local Area Network (WLAN)	Dorothy Stanely	Hewlett Packard Enterprise
P802.15 Wireless Personal Area Network (WPAN)	Bob Heile	Wireless Communication Consulting, LLC., Wi-SUN Alliance
P802.18 Radio Regulatory TAG	Jay Holcomb	Itron Inc.
P802.19 Wireless Coexistence	Steve Shellhammer	Qualcomm Technologies, Inc.
P802.21 Media-independent Handover	Subir Das	Perspecta Labs
P802.22 Wireless Regional Area Networks	Apurva Mody	BAE Systems, White Space Alliance
P802.24 Vertical Network Applications TAG	Tim Godfrey	Electric Power Research Institute
Member Emeritus	Geoff Thompson	Self, GraCaSI Advisors
Member Emeritus	Clint Chaplin	Self, Samsung America
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

<b>Monday</b>	Notes
<b>18:30-19:50 Spectrum Sharing Tutorial</b>	Regency C/D HRV 3 <sup>rd</sup> fl
<b>19:30-20:50 Tutorial 2: none/open</b>	
<b>21:00-22:30 Tutorial 3: none/open</b>	
<b>Tuesday</b>	
<b>13:30-15:30 802/JTC1 Standing Committee, Myles</b>	Oxford HRV 3 <sup>rd</sup> fl
<b>19:30-21:30 802 Network Enhancements for the Next Decade, Marks</b>	Regency B HRV 3 <sup>rd</sup> fl
<b>Wednesday</b>	
<b>08:00-10:00 802 Network Enhancements for the Next Decade, Marks</b>	HRV Cavendish 4 <sup>th</sup> fl
<b>18:30-21:30 Social Reception</b>	HRV 34 <sup>th</sup> fl
<b>Thursday</b>	
<b>07:30-08:00 Next Venue Logistics, Rosdahl</b>	Oxford HRV 3 <sup>rd</sup> fl
<b>08:00-09:00 Future Venues Ad Hoc, Rosdahl</b>	
<b>09:00-10:00 802 Chair's Open Office Hours, Nikolich</b>	

# 5.07 Drafts to Sponsor Ballot

1. 802.01: none,
2. 802.03: P802.3cg (cond),
3. 802.11: none,
4. 802.15: none,
5. 802.19: none,
6. 802.21: none,
7. 802.22: P802.22 Revision, P802.22.3 (cond),
8. 802.24: none,

# 5.08 Drafts to RevCom

1. 802.01: 802.1AS revision (conditional),
2. 802.03: P802.3.2,
3. 802.11: none,
4. 802.15: P802.15.4x,
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 and 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: liaison to ETSI LTN RE WPAN,
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,
13. 802/IETF SC: none,
14. 802/Wireless Chairs SC: tbd.



# 5.10 Draft PARs to NesCom

1. P802.1 Industry Connections: Nendica, ICAID Extension,
2. P802.1AE MAC Security Corrigenda (maintenance),
3. P802.3cu Amendment,  
100 Gb/s and 400 Gb/s Operation over Single-Mode Fiber, PAR and CSD,
4. P802.11be Amendment,  
Enhancements for Extremely High Throughput (EHT), PAR and CSD,
5. P802.15.4w PAR title change (maintenance),

PAR withdrawal requests:

1. None.

# 5.11 Pre-PAR activity

Group	New	Existing
dot01	None,	Industry Connections: 802 Network Enhancements for the Next Decade (Nendica).
dot03	None,	- Industry Connections: New Ethernet Applications (NEA) ad hoc.
dot11	None,	<ul style="list-style-type: none"> <li>- EHT Study Group</li> <li>- Advanced Access Network Interface (AANI) Standing Committee,</li> <li>- Wireless Next Generation Standing Committee.</li> </ul>
dot15	Interest Group on potential amendment to 802.15.7,	Study Groups: none, Interest Groups: - Long Range Optical Camera Communications Interest Group. Standing Committees: IETF/6tisch,

# 5.11 Pre-PAR activity

Group	New	Existing
dot18	None,	None,
dot19	None,	Sub 1 Ghz coexistence,
dot21	None,	Interest Group: Network enablers for seamless VR content service,
dot22	None,	None,
dot24	None,	None,
dot ECSG	None,	None

# STDs due for 10 yr maintenance by DEC 2019

- 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. Move 802 Task Force meeting to SASB meeting venue
2. IEEE SA tools update & discussion, 10 min; Marks or Law
3. Web conferencing service alternative(s) discussion, 10 min; Law
4. Bulk Framemaker license discussion, 10 min; Law
5. Any other business, 5 min, all?
6. Action item review, 5 min, Nikolich

### 2. Closed portion of meeting:

1. none

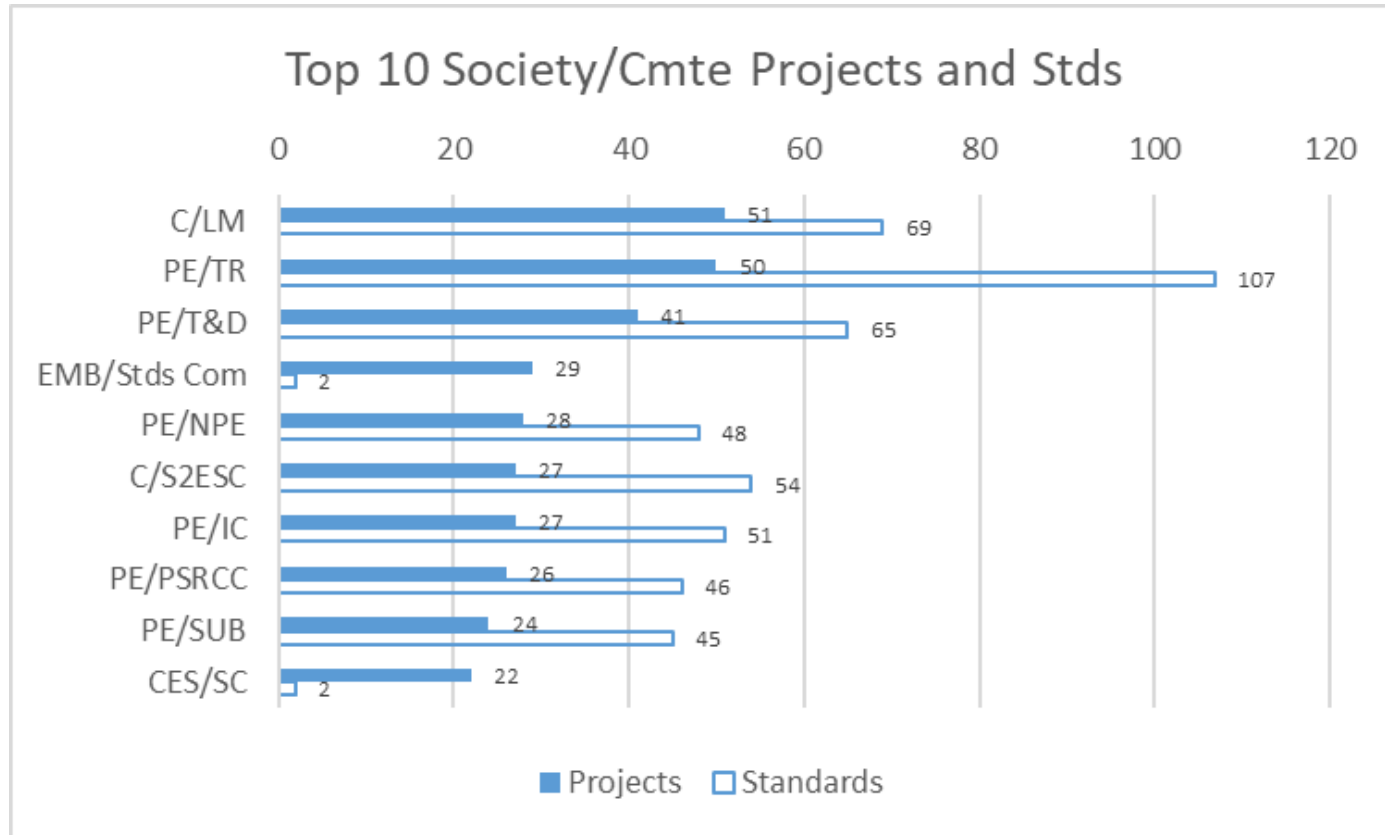
### 3. Adjourn

# 10.00 EC meetings for the week

Sunday 19:30-21:30	LMSC Rules Review
Mon 08:00-10:00	Opening Executive Committee meeting
Mon 09:00-10:00	Newcomer's Orientation
Tue 07:00-13:30	open
Tue 13:30-15:30	802/JTC1/SC6 Standing Committee
<del>Tue 13:30-15:30</del>	<del>802/IETF (not meeting this session)</del>
Tue 16:00-18:00	open
<del>Thu 08:00-09:00</del>	<del>802/ITU (not meeting this session)</del>
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 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 Remarks

## 802 (C/LM) Projects and Standards vs other Sponsors



To everyone that has contributed to 802 Standards over almost four decades – well done!



# End of Opening EC Meeting