



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	

July 2019  
IEEE 802  
LMSC  
122<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. Tom Thompson  
role: 802 support  
supports: dot01, dot03, dot16 and dot24 groups  
title: Program Manager
3. Lisa Perry  
role: 802 lead editorial support  
title: Content Production Manager

# 4.01 Meeting Fee Waivers

## Invited Guests

1. Balazrs Bertenyi, 3GPP RAN Chair

affiliation: Nokia

Approved at 04 June 2019 EC telecon without objection

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

1. tbd

Mover: tbd

Secunder: tbd

Y/N/A (consent agenda)

# 5.01 Chair's Announcements

- Chair's opening remarks
  - Request meeting observers to record their attendance
  - Guido Hiertz appointed 802 Ombudsman
  - 802.11 Coexistence Workshop Wednesday 13:00-21:00, Myles
  
  - 802 Chair's Open Office Hours, Thursday 9:00-10:00, Nikolich
  - Interim EC meeting scheduled for 01 October 2019 1-3PM ET
  - John Messenger and Jessy Rouyer continue to serve as temporary 802.1 WG Chair and Vice-Chair respectively while Glenn is unavailable
  - Preparations for 802's 40<sup>th</sup> anniversary March 2020

# 5.02 IEEE Boards updates

- SA Standards Board
  - 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:
  - A BOG Committee (OSCom) was established to govern Open Source for the IEEE-SA.
  - The BOG approved the draft IEEE Public Policy Position Statement, In Support of Ethical Aspects of Autonomous and Intelligent Systems, and recommended that it be submitted to the IEEE Board of Directors Global Public Policy Committee.
  - The BOG approved Policies Accepting Global, Market-driven Standards Should be Embraced in International Trade Discussions and Regulatory Environments as an IEEE-SA OU Public Policy Position Statement.
- IEEE BoD and Technical Activities
  - IEEE Treasurer continues work on improving operational and financial transparency.
  - 2019 TA Committee on Standards (CoS) and SA are providing seed funding to initiate standards activities among Societies and Councils without them

# 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: Stephen Dukes
    - TAB Cmte on Stds: Nikolich
    - Computer Society VP Stds: Mariani
  - Educational Activities
    - Stds Education Cmte.: Edward Au
  - Member/Geographic Activities
    - IEEE Region 8 Standards Coordinator: David Law
  - Publications: Rosdahl

# 5.03 SA Standards Board Actions

## Project Authorization Approvals MAR/JUN2019

<b>New Projects:</b>	P802.3cu, P802.11be.,
<b>Modified PAR:</b>	none.,
<b>Revisions:</b>	none.,
<b>Corrigendum:</b>	none.,
<b>Withdrawals:</b>	none.,
<b>Extensions:</b>	none.,
<b>Other:</b>	renewed IEEE 802 NEND.,



# 5.03 SA Standards Board Actions

## Standards Ratification Actions MAR/JUN2019

**New Standards:** P802.1CF, P802.1Qcy, P802.3.2, P802.15.4x.,

**Revised Standards:** none.,

**Corrigendum:** P802.1AE-2018/Cor-1.,

**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)	16 MAR	802.1 liaison to ITU-T SG15, 5 day review, no objections		
2)	08APR	802 comments to Ofcom	11/00/00/04	approved
3)	10APR	802.3 press release	11/00/01/03	approved
4)	07MAY	802 comments to ACMA	10/00/01/04	approved
5)	07MAY	submit 802.22rev to sponsor ballot	09/00/01/06	approved
6)	17MAY	802 ex parte on 5GAA to FCC	10/00/00/05	approved
7)	07JUN	802.3 liaison to ITU-T SG15, 5 day review, no objections		
8)	12JUN	802 comments to US DOT on 5GAA	09/01/00/05	approved
9)	01JUL	802 comments to IMDA (Singapore)	pending	

\* 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,
Second Vice Chair	Roger Marks	EthAirNet Associates, Huawei
Treasurer	George Zimmerman	CME Consulting, Analog Devices, Aquantia, APL Group, BMW, Cisco Systems, CommScope, Sen Tekse LLC
Recording Secretary	John D'Ambrosia	Futurewei, a subsidiary of Huawei
Executive Secretary	Jon Rosdahl	Qualcomm Technologies, Inc.
P802.1 High Level Interface (HLI)	John Messenger (acting)	Adva Optical
P802.3 Ethernet	David Law	Hewlett Packard Enterprise
P802.11 Wireless Local Area Network (WLAN)	Dorothy Stanley	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
18:30-19:50 Tutorial 1: none	
19:30-20:50 Tutorial 2: none	
21:00-22:30 Tutorial 3: none	
<b>Tuesday</b>	
13:30-15:30 802/JTC1 Standing Committee, Myles	
19:30-21:30 802 Network Enhancements for the Next Decade, Marks	
<b>Wednesday</b>	
08:00-10:00 802 Network Enhancements for the Next Decade, Marks	
13:00-21:00 802.11 Coexistence Workshop, Myles	
<b>Thursday</b>	
07:30-08:00 Next Venue Logistics, Rosdahl	
08:00-09:00 Future Venues Ad Hoc, Rosdahl	
09:00-10:00 802 Chair's Open Office Hours, Nikolich	

# 5.07 Drafts to SA Ballot

1. 802.01: P802.1X-Rev, P802.1Qcx (cond).,
2. 802.03: P802.3cm (cond), P802.3cn (cond), P802.3cq (cond).,
3. 802.11: none.,
4. 802.15: P802.15.22.3.,
5. 802.19: none.,
6. 802.21: none.,
7. 802.22: none.,
8. 802.24: none.,

# 5.08 Drafts to RevCom

1. 802.01: P802.1AX-Rev (cond), 802.1AS-Rev (cond).,
2. 802.03: non.,
3. 802.11: none.,
4. 802.15: P802.15.9rev1.,
5. 802.19: none.,
6. 802.21: none.,
7. 802.22: P802.22rev (cond).,
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.,
6. 802.15: none.,
7. 802.18: tbd,
8. 802.21: WG Hibernation.,
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. P802.1ABdh -Amendment - Support for Multiframe Protocol Data
2. P802.1Qdj - Amendment - Configuration Enhancements
3. P802.1Qcj - Amendment - Automatic Attachment to Provider Backbone Bridging (PBB) services, PAR extension
4. P802.3cv - Amendment - Maintenance #15: Power over Ethernet, PAR
5. P802.11ay - Amendment - Enhanced Throughput for Operation in License-Exempt Bands Above 45 GHz, PAR Extension
6. P802.11az - Amendment - Next Generation Positioning (NGP), PAR Extension
7. P802.15.9ma- Standard, Transport of Key Management Protocol (KMP) Datagram

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	<ul style="list-style-type: none"> <li>- Industry Connections: New Ethernet Applications (NEA) ad hoc.</li> <li>- Automotive optical Multi-Gig</li> <li>- 10 Mb/s Single Pair Ethernet Multidrop Enhancements</li> </ul>
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	None,	<p>Study Groups: none,</p> <p>Interest Groups: - Long Range Optical Camera Communications Interest Group.</p> <p>Standing Committees: IETF/6tisch,</p>

# 5.11 Pre-PAR activity

Group	New	Existing
dot18	None,	None,
dot19	None,	Sub 1 Ghz coexistence,
dot21	None,	None,
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
  1. Agreed: hold 802 TF telecon approximately 2 weeks prior to SASB, anticipating face-to-face follow up during the SASB meeting as appropriate
  2. Tentative date/time for initial telecon: tbd
2. IEEE SA tools update & discussion, 10 min; Marks or Law
  1. MyProject replacement status to be reported via web conference within next few weeks by Newman
  2. Mentor – no update available
3. Web conferencing service alternative(s) discussion, 10 min; Law, Goldberg
  1. 802.3 acquired annual license at low cost that is meeting their needs
4. Bulk Framemaker license discussion, 10 min; Law
  1. Highly desirable for IEEE SA to provide a bulk license for WG editors
  2. The expense is prohibitively high for WG editors to bear the cost
5. Any other business, 5 min, all?
6. Action item review, 5 min, Nikolich

### 2. Closed portion of meeting: 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

# End of Opening EC Meeting