July 2025, 139th IEEE 802 LMSC Plenary Session - Opening Meeting

IEEE

Standards Project Authorization

1. August 25, 1979 (Date of Request)

Project No 802 — Approved 3/13/80 (Date) — For Standards Committee Use Only

2. [X] New Standard
[ ] Revision of _____ (Standard No)
[ ] Reaffirmation of _____
[ ] Withdrawal of _____ (Standard No)

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

5. Sponsor
Computer Standards (Technical Committee) — Computer Society (Society)

5a. Proposed ANSI Committee
X3

ANSI Project=: _____
Date Approved: _____

6. Proposed 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.

Method of Coordination:
Communications Society
Computer Stds. Committee (added by amendment 9/17/81 StB meeting)

7. Name of Group that will Write the Standard
Microprocessor Standards (Subcommittee) — Local Network (Working Group)

8. Estimated Final Ballot Date:
December 1982 (To Technical Committee) — March 1983 (To Standards Board)

9. Person Delegated to Receive Communications and Conduct Liaison with Interested Bodies
Maris Graube (Name)
Tektronix, Inc. (Company)
P. O. Box 500, M/S 58-188 (Street address)
Beaverton, OR 97077 (503) 644-0161 Ext. 6234 (City, State, Zip Code, Telephone)

10. Submitted by
Dr. Robert G. Stewart (Name)
Stewart Research Enterprises (Company)
1658 Belvoir Drive (Street address)
Los Altos, CA 94022 (415) 941-6699 (City, State, Zip Code, Telephone)

Form SF1-1A-1978

Opening items

- 1.00 Meeting called to order
- 1.01 Roll Call of IEEE 802 LMSC members
- 2.00 Approve or modify the agenda
- 3.00 IEEE SA Patent, Participation, and Copyright policy slides
  - Link to the slides was distributed with the agenda
  - Is there anyone in the meeting who did not read these slides?

3.02 Fee Waivers

- IEEE 802 LMSC fee waiver – full week
  - Kathleen Kramer: IEEE President
  - Antonio Luque: IEEE Member and Geographic Activities (MGA) Board Chair/Vice President IEEE MGA
  - Antionio Robles Gomez: Vice-Presidente electo de IEEE España (2024-2025)
  - Joerg Widmer, Madrid Institute for Advanced Studies
- Invited officers of other SDOs – full week
  - Russ Housley: IETF Chair

WG Invited Experts via electronic means (1)

- 802.1
  - Frank van der Putten - discussion of corrigendum PAR proposal in Maintenance TG and at closing plenary
  - Jordon Woods - editor of IEC/IEEE 60802, for 60802 meeting and report to the 802.1 plenary
  - Guenter Steindl - presentation for 60802 meeting
  - Lily Chen, Meltem Somez Turan, Noah Waller, and Kerry McKay - invited experts from NIST to support pre-PAR discussion on adding Ascon ciphersuite to MACsec
  - Paul Congdon - Nendica and UEC liaison discussions in TSN and closing plenary
  - Marco Hernandez- editor P802.1ACea, for maintenance TG and .1/.15 joint meeting
- 802.3: None

WG Invited Experts via electronic means (2)

- 802.11:
  - Yo-Seb Jeon, POSTECH, AIML SC
  - Sumit Roy, University of Washington, WNG
  - Muyuan Shen, University of Washington, WNG
  - Prof. Christos Masouros, University College London, WNG
  - Prof. Bruno Clerckx, Imperial College London, WNG
  - Prof. Mathini Sellathurai, Heriot-Watt University, WNG
  - Dr. Tim O'Shea, DeepSig, Inc, WNG
  - Thijs Havinga, Ghent University / imec, WNG
  - Jacopo Pegoraro, Universidad Carlos III de Madrid, WNG
  - Ruben Castelhano, Instituto de Telecomunicações / Univ of Aveiro, WNG
  - Susana Sargento, Instituto de Telecomunicações / Univ of Aveiro, WNG
  - Duarte Raposo, Instituto de Telecomunicações, WNG
- 802.15: None
- 802.18: None
- 802.19: None

4.01 Guests

- Kramer, Kathleen, IEEE President & CEO
- Russ Housley, IETF Chair
- Antonio Luque, IEEE Vice President MGA Escuela Superior de Ingeniería de Sevilla
- Antonio Robles Gomez, Vice-Presidente electo de IEEE España (2024-2025)
- Sietse van der Gaast, BEREC, the Body of European Regulators of Electronic Communication and ACM, the Netherlands (electronically)

4.02 IEEE Staff

- In Person
  - Christy Bahn: 802 lead, supports 802.11, 802.15, 802.19 and, 802.24 groups
  - Jennifer Santulli: supports 802.1, 802.3 and 802.18
- Available for editorial guidance questions via email
  - Catherine Berger role: 802 editorial support

5.01 Chair's Announcements (1)

- Use IMAT to log your attendance (including LMSC members)
- Consent agenda reminders:
  - Consent agenda items for closing meeting due before Wednesday, 30 July 2025, 1300 CEDT
    - 48 hours prior to the start of the IEEE 802 LMSC closing meeting
  - Vote tallies in support of consent agenda items for closing meeting due before Friday, 1 August 2025, 1100 CEDT
    - 2 hours prior to the start of the IEEE 802 LMSC closing meeting

5.01 Chair's Announcements (2)

- IEEE 802 LMSC Work room for WG/TAG Chairs and Vice Chairs
  - Retiro – Planta 1/Lower Floor
  - Used for other IEEE 802 LMSC meetings
  - Please use this room as a quiet work area when open
  - Ask the Chair if you want to reserve it

5.01 Chair's Announcements (3)

- The Chair's current ruling is that IEEE 802 LMSC meetings at the plenary do _not_ require registration
- This includes only the following:
  - Opening and closing meetings
  - Meetings of Standing Committees and Ad-hocs (IETF, JTC1, WCSC, ITU, History and Rules)

5.01 Chair's Announcements (4)

- On Friday, the Chair will ask for the LMSC to confirm the following appointments:
  - IEEE 802 LMSC Recording Secretary – Elizabeth Kochuparambil
  - IEEE 802 LMSC IETF Standing Committee Chair – Robert Stacey
- Note: If confirmed as IEEE 802 LMSC Recording Secretary, Elizabeth Kochuparambil will no longer be Member Emeritus, Associate Recording Secretary when she assumes that officer role

Pre-submission for NesCom and RevCom

- For PARS and ICAIDS
  - Ask the IEEE 802 LMSC Chair for permission prior to submitting.
- For RevCom
  - Make RevCom package available to the IEEE 802 LMSC Chair and ask for a review.
  - If appropriate, the IEEE 802 LMSC Chair will send and email to the IEEE 802 LMSC email reflector that, in the IEEE 802 LMSC Chair's view based on the complete RevCom package, there is a reasonable expectation that the submittal will be approved by the IEEE 802 LMSC before the RevCom meeting.

5.02 IEEE SA BoG Actions

5.03 IEEE SA Standards Board Actions

- Meetings:
  - SASB series in Seoul, ROK, 24 March 2025-26 March 2025
  - NesCom and RevCom teleconference 7 May 2025
  - SASB meeting series in Vienna, Austria, 16-20 June 2025
- NesCom
  - Modified PAR: P802.1AS
  - New PARs: P802.3dp, P802.11br, P802.15-2024/Cor1
  - Revision PARs: None
  - Withdrawn: None
  - Extensions: None
- RevCom
  - New: P802.1DG
  - Revision:
  - Amendment: P802.11bf, P802.11bk, P802.16t,
- ICCom
  - None

5.04 LMSC Electronic Ballot results (1)

- Move to approve document https://mentor.ieee.org/802.18/dcn/25/18-25-0020-03-0000-draft-response-to-australia-acma-s-consultation-draft-five-year-spectrum-outlook-2025-30.pdf for submission to ACMA before the submission deadline, granting the IEEE LMSC chair (or his delegate) editorial license. Moved E. Au, second
  - 26 March 20205-4 April 2025, 8/0/2 (y/n/a), motion passes
- Move to approve document https://mentor.ieee.org/802.18/dcn/25/18-25-0024-04-0000-draft-response-to-lithuania-rrt-s-consultation-re-the-upper-6-ghz-band.pdf for submission to RRT before the submission deadline, granting the IEEE LMSC chair (or his delegate) editorial license. Moved E. Au, second
  - 9 April 2025-18 April 2025, 9/0/1 (y/n/a), motion passes

5.04 LMSC Electronic Ballot results (2)

- Move to approve document https://mentor.ieee.org/802.18/dcn/25/18-25-0060-04-0000-draft-response-to-india-trai-s-consultation-re-microwave-spectrum-assignment.pdf for submission to TRAI before the submission deadline, granting the IEEE LMSC chair (or his delegate) editorial license. Moved E. Au, second T. Baykas
  - 26 June 2025-5 July. 2025, 9/0/2 (y/n/a), motion passes
- Move to Grant a six-month extension of the IEEE 802.3 Pin-Optimized PHY Interface Study Group. Moved D. Law, second G. Zimmerman
  - 4 July 2025-5, 14 July. 2025, 9/0/0 (y/n/a), motion passes

5.05 List of drafts to SA ballot

- 802.1:
  - P802.1AS (conditional)
  - P802.1ASed (conditional)
  - P802.1CB/cor1 (conditional)
- 802.3:
  - IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement
  - IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs (conditional)
- 802.11: None
- 802.15:
  - TG4ac
  - TG6ma
  - TG9a
- 802.19: None

5.06 List of drafts to RevCom

- 802.1:
  - P802.1AXdz
  - P802.1DP
  - IEEE/IEC 60802
- 802.3:
  - IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision)
- 802.11: None
- 802.15: None
- 802.19: None

5.07 List of PARs to NesCom (part 1)

- 802.1
  - IEC/IEEE P60802 - PAR Extension for Standard - Time-Sensitive Networking Profile for Industrial Automation (Plenary Review)
  - P802.1Qdq - PAR Extension for Amendment - Shaper Parameter Settings for Bursty Traffic requiring Bounded Latency (Plenary Review)
  - P802.1Qee - Amendment - Traffic Engineering for Bridged Networks with Significant Delay Variance (Plenary Review)
  - P802.1X – corrigendum –(Expedited Review)
  - P802.1X – revision (Expedited Review)
  - P802.1AE – revision (Expedited Review)
  - P802.1AR – revision (Expedited Review)
- 802.3
  - P802.3dq - Amendment - Pin-Optimized PHY Interfaces (Plenary Review)

5.07 List of PARs to NesCom (part 2)

- 802.11
  - P802.11bt - Amendment - Post-Quantum Cryptography (Plenary Review)
  - P802.11bi - PAR Extension for Amendment - Enhanced Service with Data Privacy Protection (Expedited Review)
- 802.15
  - P802.15.15 – Withdraw (Expedited Review)
  - P802.15.14 – Withdraw (Expedited Review)
  - P802.15.4ab – PAR Extension 1yr (Expedited Review)
- 802.19: None

5.071 Expiring PARs

- 802.1
  - P60802: PAR extension
  - P802.1Qdq: PAR extension
- 802.11
  - P802.11bi: PAR extension (2 yr)
- 802.15
  - P802.15.15: Request to withdraw
  - P802.15.14: Request to withdraw
  - P802.15.4ab: PAR Extension (1 yr)
- All will be on the agenda for the closing meeting.

5.08 PAR Study Groups and other pre-PAR activity

- 802.1: None
- 802.3:
  - 200 Gb/s per wavelength Multimode Fibre (MMF) optical PHYs (proposed)
  - Ethernet Metadata Services (proposed)
  - Pin-Optimized PHY Interface Study Group (second recharter)
- 802.11:
  - Post Quantum Cryptography Study Group (recharter)
- 802.15: None
- 802.19: None

5.09 Documents for LMSC approval/information

- 802.1
  - Liaison(s) to ITU-T
- 802.3
  - IEEE 802.3 New Ethernet Applications ICAID Status report to ICCom
  - IEEE 802.3 request for Category C liaison membership of IEC TC 65/SC 65C/MT 63444 Ethernet-APL Port Profile
  - IEEE Std 802.3-2022 revision two-year extension request
- 802.11
  - IEEE Std 802.11-2024 to ISO/IEC JTC1 for information

5.10 Upcoming SASB meetings and deadlines

- SASB meeting series (virtual only)
  - Date: 8-10 September 2025
  - Deadline: 31 July 2025
- NesCom and RevCom teleconference
  - Date: 22 October 2025
  - Deadline: 12 September 2025
- SASB meeting series, Jersey City, NJ
  - Date: 8-10 December 2025
  - Deadline: 20 October 2025

12.00 IEEE 802 LMSC meeting schedule

- Mixed Mode Meeting Officer Training, 14:30-15:30, El Jardin – Planta 1/Lower floor
- Wireless Chairs SC: Sunday, 16:00-17:30, El Jardin – Planta 1/Lower Floor
- Rule Meeting: Sunday 19:30-21:30, Retiro – Planta 1/Lower Floor
- Opening Meeting: Monday, 08:00-10:30, El Prado – Planta 1/Lower Floor
- Tutorial #1 – Your IEEE 802 LMSC and You!, Monday, 19:15-20:35, Tapices – Planta 1/Lower Floor
- 802 History AdHoc: Tuesday, 13:30-14:30, Retiro – Planta 1/Lower Floor
- JTC1 SC: Tuesday, 16:00-18:00, Patio 1 – Planta Baja/Ground Floor2
- ITU SC: Wednesday, 16:00-18:00, Toledo – Planta Baja/Ground Floor
- Next Venue resource review: Thursday, 8:00-8:30, Retiro – Planta 1/Lower Floor
- Future Venues Ad Hoc: Thursday, 08:30-09:30, Retiro – Planta 1/Lower Floor
- 802 Chair Open Office Hours: Thursday, 9:30-10:30, Retiro – Planta 1/Lower Floor
- Closing Agenda Preparations, 10:30-12:30, Retiro – Planta 1/Lower Floor
- Closing Meeting: Friday, 13:00-18:00, El Prado – Planta 1/Lower Floor

Backup

Fee Waivers (CG, 4.1)

- Full session waviers by IEEE 802 LMSC Chair
  - Invited (by members of the LMSC) guests who attend meetings for a specific purpose that is of value to general attendees (e.g., to provide a tutorial presentation) should be exempt from the meeting fee. Invited guests who do not pay a meeting fee are welcome to observe various sessions of IEEE 802. However, as guests they may not vote in Working Group meetings during that session and their attendance will not be counted toward building or maintaining voting membership in any Working Group. Guests should register to receive a name badge. Note that observers are allowed to comment on Working Group documents.
  - For plenary sessions, the Standards Committee Chair will have the responsibility to review and approve the above exceptions (total limited to ten individuals per session) and provide a list of these exempt people to the Executive Secretary before the session and obtain LMSC confirmation at the Monday LMSC meeting of a plenary session.
- Full session waiver for SDO officers by IEEE 802 LMSC Chair
  - In addition to the previously mentioned 10 waivers, the Standards Committee Chair may rarely grant meeting fee waivers for invited officers of other SDOs who do not regularly attend IEEE 802 meetings. The purpose of the waiver is to provide an opportunity for the individual to observe how IEEE 802 operates and to meet the IEEE 802 leadership. Attendance at the meeting doesn't count toward establishing voting membership. The meeting fee waiver privilege is not intended to permit the individual to participate in project work. Reciprocal treatment should be encouraged

WG Chair Fee Waivers (OM 5.)

- The Working Group Chair may designate specific individual experts who are allowed to participate in Working Group discussions via electronic means during an in-person meeting for the benefit of the group. These individuals are not considered to be attending the meeting and so they are not required to pay meeting fees and they do not get participation credit. The participation of these individuals should be limited to specific technical topics. Such participation shall be documented in the minutes of the Working Group meeting.

Electronic Ballots (OM, 4.1.2)

- All IEEE 802 LMSC approvals on motions to progress or establish a project or PAR Study Group require explicit vote counts (Yes/No/Abstain) to be reported by the originating subgroup.
- At times, it may become necessary for the IEEE 802 LMSC to render a decision that cannot be made prior to the close of one Plenary Session but must be made prior to the opening of the following Plenary Session. Such decisions may be made using electronic balloting. Provision shall be made for the participants in IEEE 802 LMSC activities to observe and comment on IEEE 802 LMSC electronic ballots. All comments from those who are not Voting Members of the IEEE 802 LMSC shall be considered. Commenters who are not Voting Members of the IEEE 802 LMSC are urged to seek a Voting Member of the IEEE 802 LMSC (normally their Working Group or Technical Advisory Group Chair) to include the viewpoint of the commenter in their vote.
- The IEEE 802 LMSC Chair, or a IEEE 802 LMSC member designated by the IEEE 802 LMSC Chair (usually a Vice Chair), shall determine the duration of the ballot, issue the ballot by e-mail and tally the votes after the ballot is closed. IEEE 802 LMSC Voting Members shall return their vote and comments by e-mail.
- The minimum duration of an electronic ballot shall be 10 days. For urgent matters once sufficient response is received to clearly decide a matter, the ballot may be closed early. This allows a decision to be reached in less than 10 days. Ballots where the possibility of an early close exists must be clearly marked accordingly. Otherwise, the tally of votes shall not be made until at least 24 hours after the close of the ballot to allow time for delivery of the e-mail votes.
- If at the end of the ballot insufficient votes have been received to pass the ballot, the ballot fails. The motion and tally of any email votes since the last IEEE 802 LMSC meeting shall be included in the minutes of the next IEEE 802 LMSC meeting.