139th IEEE 802 LMSC PLENARY SESSION

July 2025 Plenary MINUTES

IEEE 802 LAN/MAN Standards Committee OPENING HYBRID MEETING

Prepared by Beth Kochuparambil, Member Emeritus - Associate Recording Secretary
Monday, 28 July, 2025 - All times CEST (UTC+1)
Location: Melia Castilla, Madrid, Spain

Attendance

EC Voting members (or their representatives) present:

James Gilb	Chair, IEEE 802 LAN/MAN Standards Committee
David Halasz	1st Vice Chair, IEEE 802 LAN/MAN Standards Committee
George Zimmerman	2nd Vice Chair, IEEE 802 LAN/MAN Standards Committee
Clint Chaplin	Treasurer, IEEE 802 LAN/MAN Standards Committee
Jon Rosdahl	Executive Secretary, IEEE 802 LAN/MAN Standards Committee
John D'Ambrosia	Recording Secretary, IEEE 802 LAN/MAN Standards Committee
Glenn Parsons	Chair, IEEE 802.1 – HILI Working Group
	Chair, IEEE ITU Standing Committee
David Law	Chair, IEEE 802.3 – Ethernet Working Group
Robert Stacey	Chair, IEEE 802.11 – Wireless LAN Working Group
Clint Powell	Chair, IEEE 802.15 – Wireless Specialty Networks Working Group
Edward Au	Chair, IEEE 802.18 – Regulatory TAG
Tuncer Baykas	Chair, IEEE 802.19 – Wireless Coexistence Working Group
	Chair, IEEE 802 Public Visibility Standing Committee
Tim Godfrey	Chair, IEEE 802.24 - Vertical Applications TAG

EC Nonvoting members / Standing Committee Chairs present:

Paul Nikolich	Member Emeritus, Past Chair (arrived @ 8:05am)
	Chair, IEEE 802 LMSC History Ad Hoc
Geoff Thompson*	Member Emeritus, Advisor
Jason Potterf	Member Emeritus, Associate Treasurer
Beth Kochuparambil	Member Emeritus, Associate Recording Secretary
Peter Yee	Chair, IEEE 802/ISO/IEC/JTC1/SC6 Standing Committee
Dorothy Stanley	Chair, IEEE 802 IETF Standing Committee
	Chair, IEEE 802 Wireless Chairs Standing Committee
Apurva Mody *	Chair, IEEE 802.22 – Wireless Regional Area Networks WG (Hib.) (arrived @ 8:37am)

EC Voting members not present:

EC Nonvoting members not present:

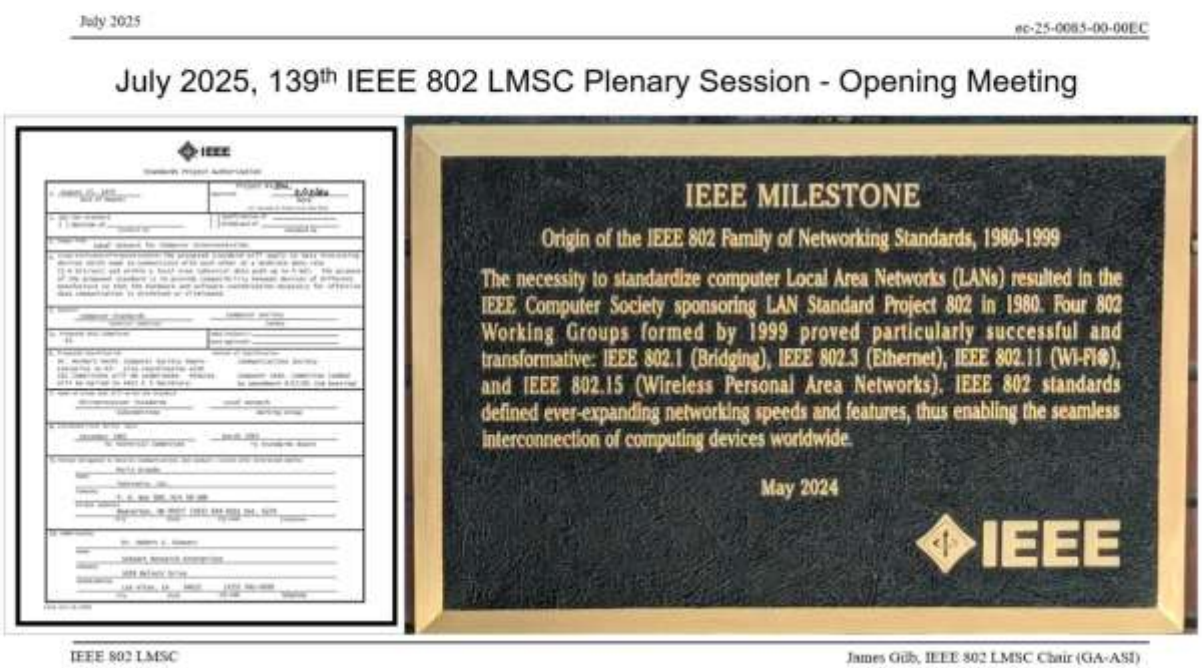
Roger Marks	Chair, IEEE 802.16 – Broadband Wireless Access Working Group (Hibernating)
Subir Das	Chair, IEEE 802.21 – Media Independent Handover Working Group (Hibernating)

*** Attended remotely**

Other Attendees (as reported by IMAT, 28 Jul 2025)

Name	Affiliation
Bahn, Christy	IEEE STAFF
BEECHER, PHILIP E	Wi-SUN Alliance
Hamilton, Mark	Ruckus/CommScope
Healey, Adam	Broadcom Inc.
Jones, Chad	Cisco Systems, Inc.
Jungnickel, Volker	Fraunhofer Heinrich Hertz Institute
Kivinen, Tero	Wi-SUN Alliance
Krieger, Ann	US Department of Defense
Levy, Joseph	InterDigital, Inc.
Portier, Fabrice	Silicon Laboratories
Robert, Joerg	FAU Erlangen-Nuernberg
Rolfe, Benjamin	Blind Creek Associates
Rouyer, Jessy	Nokia
Santulli, Jennifer	IEEE STAFF
Stuebing, Gary	Cisco Systems, Inc.
Wang, Lei	Futurewei Technologies

Meeting Minutes



Note – James Gilb, the Chair, made corrections to The Chair's Report during meeting and will be updating the file on Mentor after the meeting. The noted document number (ec-25-0085-02-LMSC) is the updated file, and is used throughout the minutes. The updated document is attached to the minutes.

Note – Presentation files, or the updated file, are attached and referenced throughout the minutes, by only the document numbering, which is short for the full file name.

Item #1, MEETING CALLED TO ORDER, Gilb

Meeting called to order at 8:00 am by 802 Chair.

The Chair welcomed everyone to the Opening Meeting of the IEEE 802 March 2025 Plenary. The Chair clarified that Beth Kochuparambil is *acting* Recording Secretary for this meeting as part of her training from current Recording Secretary, John D'Ambrosia.

Item #1.01 -- Roll Call, Kochuparambil

The Chair asked Kochuparambil to do roll call.

Kochuparambil shared the attached slides and recorded attendance on page 1 of the minutes. Each individual noted as present confirmed their affiliation as noted on the updated slides attached, ec-25-0059-05-LMSC.

All 802 EC voting members were present. Quorum was achieved.

Item #2 -- MI, APPROVE OR MODIFY AGENDA, Gilb

The committee reviewed the draft agenda: https://mentor.ieee.org/802-ec/dcn/25/ec-25-0131-02-LMSC-2025-jul-plenary-802-lmsc-opening-agenda.xlsx

The Chair asked for feedback on agenda. George Zimmerman requested that item 6.01 be moved to the closing agenda. The updated agenda was saved as revision 03.

A motion was brought to the floor and offered for discussion. There was no discussion.

* Motion #1	Motion to approve the modified agenda (R3)
Moved	D'Ambrosia
Second	Powell
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #2.00, Time: 8:04 am

The approved agenda is embedded below and is also attached, ec-25-0131-03-LMSC.

R3		**AGENDA - IEEE 802 LMSC EXECUTIVE COMMITTEE MEETING** **IEEE 802 LMSC 139th Plenary Session**			
		Monday 1800 - 2015 (8:00 am to 10:15 am CEST) **28 July 2025**			
Key:		**ME - Motion, External, MI - Motion, Internal, DT- Discussion Topic, II - Information Item**			
		Special Orders			
		Category (* = consent agenda)			
1.00		**MEETING CALLED TO ORDER**	Gilb	1	08:00 AM
1.01		Roll Call	Kochuparambil	5	08:01 AM
2.00	**MI**	APPROVE OR MODIFY AGENDA	Gilb	5	08:06 AM
2.01	**II**	IEEE-SA Participation / Copyright Policies Ref: https://ieee802.org/sapolicies.shtml	Gilb	2	

3.00		**Misc. Administrative Items**			08:11 AM
3.01	**MI***	Motion: Approve the following minutes · 03 Jun 2025 802 EC Monthly Teleconference - Link is https://mentor.ieee.org/802-ec/dcn/25/ec-25-0125-00-LMSC-lmsc-telecon-2025-june-3-minutes.pdf M: D'Ambrosia S: Jon Rosdahl	Kochuparambil	0	08:11 AM
3.02	**MI**	FEE Waivers	Gilb	2	08:11 AM
					08:11 AM
4.00		**Introductions**			08:11 AM
4.01	**II**	Guests	Gilb	2	08:11 AM
4.02	**II**	IEEE Staff	Gilb	5	08:13 AM
				0	08:18 AM
		LMSC items		0	08:18 AM
5.00		Chair's Opening Report	Gilb	0	08:18 AM
5.01	**II**	Chair's Announcements	Gilb	5	08:18 AM
5.02	**II**	IEEE SA BoG Actions	Gilb	3	08:23 AM
5.03	**II**	IEEE Stds Board Actions (approved projects, standards, withdrawals)	Gilb	3	08:26 AM
5.04	**II**	IEEE 802 LMSC email ballot results	Gilb	1	08:29 AM
5.05	**II**	List of drafts to Standards Association ballot	Gilb	2	08:30 AM
5.06	**II**	List of drafts to RevCom	Gilb	1	08:32 AM
5.07	**II**	List of PARs to NesCom	Gilb	1	08:33 AM
5.071	**II**	Expiring PARs	Gilb	5	08:34 AM
5.08	**II**	PAR Study Groups and other pre-PAR activity	Gilb	10	08:39 AM
5.09	**II**	Draft documents to LMSC ballot	Gilb	1	08:49 AM
~~**5.10**~~	~~**II**~~	~~IEEE 802/SA Task Force meeting review~~	~~Gilb~~	~~0~~	~~08:50 AM~~
					08:50 AM
10.01		IEEE Spain Section	Robles Gomez	15	08:50 AM
					09:05 AM
		BREAK		5	09:05 AM
					09:10 AM
5.99	**II**	Action Item Recap - Ref: https://mentor.ieee.org/802-ec/dcn/25/ec-25-0093-04-LMSC-action-items-ongoing.pdf	Kochuparambil	15	09:10 AM
					09:25 AM
6.00		**Officers / 802 Reports**			09:25 AM
~~**6.01**~~	~~**II**~~	~~2nd Vice Chair - Rules meeting recap and P&P update~~	~~Zimmerman~~	~~0~~	09:25 AM
6.02	**II**	Current / Future venues	Rosdahl	30	09:25 AM
6.03	**II**	Treasurer's report	Chaplin	10	09:55 AM
6.04	**II**	Orientation Report	Halasz	3	10:05 AM
~~**6.05**~~	~~**II**~~	-	~~Zimmerman~~	~~0~~	~~10:08 AM~~

6.06	**II**	Recording Secretary Report	D'Ambrosia	1	10:08 AM
					10:09 AM
7.00		**WG / TAG Chairs**			10:09 AM
7.01	**ME***	**Approve Draft Response, to Colombia ANE's consultation re the 900 MHz band** **Move to approve document https://mentor.ieee.org/802.18/dcn/25/18-25-0066-05-0000-draft-response-to-colombia-ane-s-consultation-re-the-900-mhz-frequency-band.pdf for submission to ANE before the submission deadline, granting the IEEE LMSC chair (or his delegate) editorial license.** **Mover: Edward Au** **Seconder: Tuncer Baykas**	Au	0	10:09 AM
					10:09 AM
8.00		**Internal Business**			10:09 AM
8.01	**II**	IEEE 802 History Ad Hoc Report	Nikolich	3	10:09 AM
					10:12 AM
9.00		**Standing Committee Reports**			10:12 AM
9.01	**II**	802 JTC1 Standing Committee Status Report and plans for plenary	Yee	3	10:12 AM
9.02	**II**	802 EC / ITU Standing Committee Status Report and plans for plenary	Parsons	3	10:15 AM
9.03	**II**	IEEE 802 / IETF Standing Committee Status Report and plans for plenary	Stanley	3	10:18 AM
9.04	**II**	IEEE 802 Wireless Chairs Standing Committee Status Report and plans for plenary	Stanley	3	10:21 AM
9.05	**II**	IEEE 802 Regulatory Report and plans for plenary	Au	3	10:24 AM
9.06	**II**	IEEE 802 Public Visibility	Baykas	3	10:27 AM
					10:30 AM
10.00		**Liaison Reports**			10:30 AM
					10:30 AM
11.00		**IEEE SA Reports**			10:30 AM
~~**11.01**~~	~~**II**~~	~~IEEE 802 Active Standards Report~~	~~Bahn~~	~~0~~	10:30 AM
~~**11.02**~~	~~**II**~~	~~IEEE 802 Active PAR Report~~	~~Bahn~~	~~0~~	10:30 AM
					10:30 AM
12.00	**II**	**EC meeting schedule (rules, SA, etc.)**	Gilb	3	10:30 AM
					10:33 AM
13.00	**DT**	**ADJOURN SEC MEETING**	Gilb		10:30 AM

Item #3 -- II, IEEE-SA Participation / Copyright Policies, Gilb

Ref: https://ieee802.org/sapolicies.shtml
It was noted that the Participation / Copyright Policies had been circulated with the meeting agenda. The Chair asked if anyone wished to see the policies. No one requested as such.

Item #3.01 -- MI*, Motion to Approve minutes, Kochuparambil

Consent agenda items are closed at the approval of the agenda.

Item #3.02 -- MI, FEE Waivers, Gilb

The Chair displayed slide #3 from the updated presentation, ec-25-0085-02-LMSC.

A motion was brought to the floor and offered for discussion. There was no discussion.

* Motion #4	Motion to grant a fee waivers for the July Plenary, for the following: - 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
Moved	Rosdahl
Second	Stacey
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #3.02, Time: 8:06 am

The Chair continued to display slides #4-5 from the updated presentation, ec-25-0085-02-LMSC and confirmed the list of WG Invited Experts with the working group chairs.

Item #4 -- Introductions

Item #4.01 -- II, Guests, Gilb

The Chair displayed slide #6 from the updated presentation, ec-25-0085-02-LMSC.

Item #4.02 -- II, IEEE Staff, Gilb

The Chair displayed slide #7 from the updated presentation, ec-25-0085-02-LMSC.

Item #5, Chair's Opening Report, Gilb

Item #5.01 -- II, Chair's Announcements, Gilb

The Chair displayed slides #8-12 from the updated presentation, ec-25-0085-02-LMSC.

The prestigious, IEEE Charles Proteus Steinmetz Award recipient, IEEE 802 LMSC Past Chair, Mr. Paul Nikolich arrived, announcing his affiliation as Self, Nikolich Advisors, LLC.

When discussing the current ruling of registration fees not being required at the opening and closing LMSC Plenary meetings, a clarification was asked for on the Tutorial.

Corrections were made to the plenary week timeline on slide 8.

Item #5.02 -- II, IEEE SA BoG Actions, Gilb

The Chair displayed slide #13 from the updated presentation, ec-25-0085-02-LMSC.

Item #5.03 -- II, IEEE Stds Board Actions (approved projects, standards, withdrawals), Gilb

The Chair displayed slide #14 from the updated presentation, ec-25-0085-02-LMSC. Applause for a job well done P802.16t for the recognition.

Item #5.04 -- II, IEEE 802 LMSC email ballot results, Gilb

The Chair displayed slide #15-16 from the updated presentation, ec-25-0085-02-LMSC. Slide 16 was updated with the vote tally.

Item #5.05 -- II, List of drafts to Standards Association ballot, Gilb

The Chair displayed slide #17 from the updated presentation, ec-25-0085-02-LMSC.

Item #5.06 -- II, List of drafts to RevCom, Gilb

The Chair displayed slide #18 from the updated presentation, ec-25-0085-02-LMSC.

Item #5.07 -- II, List of PARs to NesCom, Gilb

The Chair displayed slide #19-20 from the updated presentation, ec-25-0085-02-LMSC.

Clarification that P802.11bi PAR was listed incorrectly on the website, due to the nature of the expedited review. Kochuparambil apologized for the error and corrected (removing P802.11bi PAR) the website.

Item #5.08 -- II, PAR Study Groups and other pre-PAR activity, Gilb

The Chair displayed slide #21-22 from the updated presentation, ec-25-0085-02-LMSC. Robert Stacey noted that a study group from 802.11 needed to be added to slide 22.

Item #5.09 -- II, Draft documents to LMSC ballot, Gilb

The Chair displayed slide #23 from the updated presentation, ec-25-0085-02-LMSC.

The Chair displayed slide #24 from the updated presentation, ec-25-0085-02-LMSC. It was noted that Item 5.10 was not on the agenda. The Chair is so efficient in sharing his announcements that the schedule was not impacted and no one opposed seeing the additional informational item.

Item #10.01, IEEE Spain Section, Robles Gomez

The speaker introduced himself: Antonio Robles Gómez, Vice-Presidente electo de IEEE España (2024-2025), Chair-elect for 2026 and presented the attached slides, ec-25-0156-00-LMSC.

Apurva Mody joined remotely and declared his affiliation.

Comments and Clarification included:

- Many thanks to Robles Gomez for coming and presenting to the committee!
- Process for advertising and joining technical activities and standards
- Metrics or encouragement of becoming IEEE Fellows. The Spain section is currently working on encouragement for members to become Senior members.

BREAK

Item #5.99 - II, Action Item Recap, Kochuparambil

Kochuparambil reviewed and updated the action item list, resulting in the attached file, ec-25-0093-05-LMSC.

Clarification was made that interest groups should be included in the SC6 / WG1 email notifications going forward.

Item #6, Officers / 802 Reports

Item #6.02 - II, Current / Future venues, Rosdahl

The Chair made a terrible joke about oversharing while Jon Rosdahl held a calm and collected face, moving into his report. Jon 1: James 0

Rosdahl reviewed slides #1-13 of the updated attached file, ec-25-0138-01-LMSC.

Comments and Clarification included:
- Correction on the Chair’s office hour (updated in slides)
- Thoughts on potential causes of the in-person attendance increase, included IETF co-location.
- IETF joint workshop this past weekend was thought to be useful. Chair stated intention to have a joint workshop again in July 2027 as both communities are scheduled for Europe-region meetings.

Item #6.03 - II, Treasurer's report, Chaplin

Clint Chaplin presented slides #8, 10, & 12 of the attached presentation, ec-25-0155-00-LMSC.

Item #6.04 - II, Orientation Report, Halasz

Dave Halasz presented the attached presentation, ec-25-0146-00-LMSC.

Item #6.06 - II, Recording Secretary Report, D'Ambrosia

John D’Ambrosia gave a verbal report noting that the 802.1q standard in the March Media download was NOT searchable. This is now corrected and membership is encouraged to re-download, if they prefer a searchable copy of 802.1Q.

Item #7, WG / TAG Chairs

Item #7.01 - ME*, Approve Draft Response, to Colombia ANE's consultation re the 900 MHz band

Consent agenda items are closed at the approval of the agenda.

Item #8, Internal Business

Item #8.01 - II, IEEE 802 History Ad Hoc Report, Nikolich

Nikolich gave a *long* verbal report, noting progress on possible location of the archive.

He noted that publishing a list of IEEE Fellows who are active in 802 has been challenging due to privacy concerns. He also encouraged Working Group chairs and other LMSC attendees to become Senior members, if not already.

Item #9, Standing Committee Reports

Item #9.01 - II, 802 JTC1 Standing Committee Status Report and plans for plenary, Yee

Peter Yee presented the attached presentation, ec-25-0153-00-JTC1.
There is potential for a Liaison response on Friday due to the open LSMC action. The Chair thanks Yee for taking on this challenging task.

Item #9.02 - II, 802 EC / ITU Standing Committee Status Report and plans for plenary, Parsons

Glenn Parsons presented the attached presentation, ec-25-0151-00-INTL.

Item #9.03 - II, IEEE 802 / IETF Standing Committee Status Report and plans for plenary, Stanley

Dorothy Stanley presented the attached presentation, ec-25-0136-01-LMSC, noting that this rev1 includes updates from the July 26 IEEE/IETF Joint Workshop. She stated that the joint workshop was found to be of value and supports the proposal to find another in-person joint session, currently suggested in July 2027.

Item #9.04 - II, IEEE 802 Wireless Chairs Standing Committee Status Report and plans for plenary, Stanley

Stanley presented the attached presentation, ec-25-0137-00-LMSC.

Item #9.05 - II, IEEE 802 Regulatory Report and plans for plenary, Au

Edward Au presented the attached presentation, ec-25-0140-01-LMSC.

Item #9.06 - II, IEEE 802 Public Visibility, Baykas

Tuncer Baykas presented the attached presentation, ec-25-0145-00-PVIS.

Item #10, Liaison Reports

Item #11, IEEE SA Reports

Item #12 - II, EC meeting schedule (rules, SA, etc.), Gilb

Chair displayed Slide #25 from the updated presentation, ec-25-0085-02-LMSC.

Item #13 - DT, ADJOURN SEC MEETING, Gilb

Meeting adjourned at 9:52 am.

Motions List

* Motion #1	Motion to approve the modified agenda (R3)
Moved	D'Ambrosia
Second	Powell
Results	Approved by unanimous consent
Motion	Passes
Reference	Agenda Item #2.00, Time: 8:04 am

* Motion #2	Motion to approve the following minutes · 03 Jun 2025 802 EC Monthly Teleconference - Link is https://mentor.ieee.org/802-ec/dcn/25/ec-25-0125-00-LMSC-lmsc-telecon-2025-june-3-minutes.pdf
Moved	D'Ambrosia
Second	Rosdahl
Results	Approved with approval of agenda
Motion	Passes
Reference	Agenda Item #3.01, Time: 8:04 am

* Motion #3	Move to approve document https://mentor.ieee.org/802.18/dcn/25/18-25-0066-05-0000-draft-response-to-colombia-ane-s-consultation-re-the-900-mhz-frequency-band.pdf for submission to ANE before the submission deadline, granting the IEEE LMSC chair (or his delegate) editorial license.
Moved	Au
Second	Baykas
Results	Approved with approval of agenda
Motion	Passes
Reference	Agenda Item #7.01, Time: 8:04 am

* Motion #4	Motion to grant a fee waivers for the July Plenary, for the following: - 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
Moved	Rosdahl
Second	Stacey
Results	Approved by unanimous consent
Motion	Passes

Reference	Agenda Item #3.02, Time: 8:06 am

Action Items assigned during this meeting

None.