

**IEEE COM/SDB
Meeting Minutes
March 21, 2025 | 9:00 am - 11:00 am – EDT | Zoom Meeting
Meeting Minutes Recorded by: Karen Pannullo
APPROVED**

1. **Call to Order**
 - The meeting was called to order at 9:03 am EDT by the ComSoc Standards Development Board Chair, Mehmet Ulema
2. **Roll Call, Voting Status, Member Affiliations and Establish Quorum**
 - Attendees present stated their names and updated their affiliations. (See *the list of the attendees and their voting status in Attachment II at the end of the meeting minutes.*)
 - **A Quorum was established** - 6/9 voting members were present at the beginning of the meeting and rose to 7/9 during the meeting.
3. **Approval of the Consent Agenda** - The agenda is online on [iMeet](#).
 - **Approval of February meeting minutes** online on [iMeet](#).
 - All members approved the consent agenda.
4. **Chair Report** (Mehmet Ulema)
 - P1988 PAR was submitted to and was approved by the EdgeCloud Standards Committee. It is on NesCom's March agenda.
 - P1964 PAR was submitted to the MobiNet SC. The SC suggested some changes, but the proposers were unwilling to incorporate the changes, so the NetSoft SC accepted and approved the PAR. It is on NesCom's March agenda.
 - IEEE SA published the following Call for Nominations for:
 - Awards - anyone involved in standards can be nominated.
 - SA BoG candidates and SASB positions.
 - **ACTION:** Karen will provide the Call for Nominations to the COM/SDB Members for their distribution via email.
 - P1956 WG had its first inaugural meeting -- notes are posted in [iMeet](#).
5. **IEEE SA Updates (Tom Thompson/Dalisa Gonzalez)**
 - Tom presented the SA report that is posted in [iMeet](#).
6. **Committee Reports**
 - **Designated Standard Committee Report**
 - Haiying (John) Lu reviewed the AerCom report posted on [iMeet](#).
 - **ACTIONS:**
 - **Tom Thompson** will check that when PARs 1936.1, 1937.1, and 1939.1 were submitted, the appropriate box was checked off to provide information to ANSI and will follow up with the appropriate IEEE contact to determine the next steps if required.
 - **John Lu** should write a piece about companies successfully using the standards to publicize the great work done in the Standards ad hoc committee's report to ComSoc BoG and as a news item in IEEE ComMag.
 - **John Lu and Mehmet** will work offline to determine if there is a way to distribute the workload between the AerCom WGs.

- **Treasurer Report**
 - SA Financial Reporting (Alex Gelman)
 - No report was presented during the meeting.
- **Monthly Status SC Committee Reports**
 - Jaafar Elmirghani, COM/GreenICT SC, submitted a monthly report posted on [iMeet](#). No additional status reports were submitted.

7. Old and Unfinished Business

- **Low Altitude Economy (including Drones)**
 - Please see the two associated Action Items for updates.
 - **ACTION:** Mehmet Ulema will contact Kevin Lu and Peiying Zhu to determine if a joint project can be created.
- **Review Action Items** (recorded below in Attachment I)
 - The Action Items in Attachment I below were reviewed.

8. New Business

- Update on the Ad hoc Committee on Standards (Rob Fish)
 - Rob met with Robert Schober, IEEE ComSoc President, at the February IEEE Board of Directors meeting to discuss the ad hoc committee findings presented to the ComSoc BoG in December 2024.

9. **Next Meeting:** Friday, April 18, 2025, 9:00 am - 11:00 am EDT.

10. **Adjournment:** The meeting adjourned at 10:10 am EDT.

Attachment I: Action Items

ACTION	OWNER	STATUS	COMMENTS
Update the COM/SDB Operations Manual	Mehmet Ulema/Alex Gelman	In Progress	3/21/25 – In Progress 2/21/25 – In Progress 1/10/25 – In Progress (reviewing P&Ps to determine if more information should be added to the Ops Manual) 12/10/24 – In Progress 11/8/24 – In Progress 10/11/24 – In Progress 9/13/24 – In Progress 6/10/24 – In Progress 5/10/24 – In Progress 4/12/24 – In Progress 3/8/24 – In Progress
Solicit a proposal for TCOS funding for any new standardization project.	All SC Chairs	Open/ Ongoing	3/21/25 – No listserv will be created. Instead, the CfP needs to be distributed to the SCs, ComSoc TCs, ETIs, and Standard liaisons to be pushed out further by these groups.

Contact Edward Au, TCOS chair, for the CfP and distribute to groups	Karen Pannullo		<p>2/21/25 – Karen to work with ComSoc staff to create email listserv to allow COM-SDB to distribute TCOS call for proposal rounds to chairs of the following groups to encourage them to submit proposals for funding: working groups, standards committees, ComSoc technical groups (e.g., TCs, ETIs), SPDB, COM-SDB</p> <p>1/10/25 – Ongoing</p> <p>12/10/24 – In Progress</p> <p>11/8/24 - Ongoing</p> <p>10/11/24 – Encourage SCs to request funding from TCOS (RSA for new project, workshop, etc.)</p> <p>9/13/24 – This funding is available throughout the year. This should be publicized to the TC liaisons to start standardization activities (workshops, meetings). More information: https://ta.ieee.org/operations/standards-activities/tab-committee-on-standards-seed-funding-opportunities</p> <p>6/10/24 – This funding is available 2 times a year.</p> <p>5/10/24 – Please think about soliciting funding for logistics for a workshop and brainstorming session.</p>
If you have any projects that you would like to kick off with funding from ComSoc, please contact Mehmet or Karen	All COM/SDB Members	Ongoing	<p>3/21/25 – TC on Satellite and Space is applying for \$6K.</p> <p>2/21/25 – The first meeting of P1956 will kick off in March. Karen and Mehmet should be sure to include COM-SDB members on the distribution of the Call for Proposals.</p> <p>1/10/25 – Call for Proposals will be distributed at the end of February 2025</p> <p>12/10/24 – Ongoing</p> <p>11/8/24 – ComSoc TEA has funding for TCs for their activities, including standards.</p> <p>10/11/24 – Nothing new to report.</p> <p>9/13/24 – This will be ongoing and will be kept on the action item list as a reminder.</p>
For projects that are highlighted in red text or missing from the Master List of standards projects spreadsheet posted on iMeet , please update and highlight the added details and send your updates to Mehmet and Karen	<p>Mehmet Ulema /Karen Pannullo</p> <p>All Com/SDB Members</p>	In Progress	<p>3/21/25 – Karen and Mehmet will email each SC chair for the areas of accountability that need updating.</p> <p>2/21/25 – In Progress</p> <p>1/10/25 – Standard Committee Chairs – please review and provide input.</p> <p>12/10/24 – Mehmet asked the board members to update the spreadsheet.</p>

			11/8/24 – Mehmet has a new version of the spreadsheet that is posted on iMeet. Karen will share it with the members.
Work with the webmaster to post the spreadsheet on the COM/SDB website when it is complete	Karen Pannullo	New	3/21/25 – Connected to Action Item above – No progress yet. 2/21/25 – No update provided 1/10/25 – No progress 12/10/24 – No progress 11/8/24 – Will complete when Action Item above is complete
Meet with Abderrahim offline to discuss how to move forward with Wireless Networks for Cyber Security	Oliver Holland	Closed (1/8/25)	3/14/25 - Oliver set a meeting for Abderrahim “him” in January which he couldn’t attend due to a travel delay. Rescheduled it and met with him, and gave him very detailed information on how to proceed what would be required, and invited him to the February MobiNet-SC meeting to present the concept to MobiNet-SC as well as draft of a PAR based on the examples I gave. He was included in the invitation/agenda to the February MobiNet-SC meeting but had to postpone shortly before the meeting. He was invited and presented in the March meeting instead. 2/21/25 – No update provided 1/10/25 – No update provided
Contact Mehmet if you are interested in participating in an ad hoc meeting to examine “Low-Altitude Economy” from a governance perspective	All Board Members	Closed	3/21/25 – This is beyond the charter of COM/SDB. Next steps are another action item. 2/21/25 – No update provided
Determine the Next Steps for “Low-Altitude Economy”	Mehmet Ulema	New	3/21/25 – Mehmet will contact Kevin Lu and Peiying Zhu to see if a join committee should be formed. ITS is supporting some projects in Low-Altitude Economy. 2/21/25 – No update provided
Work offline to determine Standard for Data Space & Privacy Technology Architecture can be under NetSoft or EdgeCloud (P1988).	Rong Zhang/ Mehmet Ulema	Closed	3/21/25 – EdgeCloud will support P1988. 2/21/25 – Rong will get additional information on the goals of this effort as there is some ambiguity on the use of the word “space”.
Check that when PARs 1936.1, 1937.1, and 1939.1 were submitted, the appropriate box was checked off to provide information to ANSI. If necessary, we will follow up	Tom Thompson	New	

with the appropriate IEEE contact to determine the next steps.			
Write a piece (which can be used in the Standards ad hoc committee's report to ComSoc BoG and as a news item in IEEE Standards Mag) about companies successfully using the AerCom standards to publicize the great work done.	John Lu	New	
Work offline to determine if there is a way to distribute the workload between the AerCom WGs.	John Lu and Mehmet Ulema	New	

Attachment II: Attendees

Voting Members (Ex Officio)	Attendance	Voting Status	Employer/ Affiliations	Standards Participation (both IEEE and non-IEEE)
Mehmet Ulema	X	Voting	Professor Emeritus, Manhattan College, New York	<ul style="list-style-type: none"> Chair, IEEE COM/SDB Chair, COM/NetSoft SC Co-chair of Standards Working Group of Future Networks Technical Community
John Bareham		Non-Voting	Consultant	<ul style="list-style-type: none"> Chair, IEEE CEA Working Group on Communication Electroacoustics
Jaafar Elmirghani	X	Non-Voting	Kings College London Ultracell Networks Director of Technology, Research and Innovation, Neom, Saudi Arabia	<ul style="list-style-type: none"> Chair, IEEE EEICT Chair, IEEE P1925.1, P1926.1, P1927.1, P1928.1, P1929.1 Member, IEEE 1922.1, 1922.2, 1923.1, 1924.1 Chair, COM/GreenICT SC PI EPSRC Terabit Optical Wireless (TOWS) project Standards Liaison for ComSoc Transmission, Access, and Optical Systems (TAOS) TC
Jean-Philippe Faure "JP"	X	Voting	Progilon CEO / Panasonic	<ul style="list-style-type: none"> Chair, IEEE P1901 Past Chair, IEEE-SA SASB Chair, IEEE COM/PLC SC Secretary of COM/SDB Chair, IEEE P8000
Rob Fish	X	Voting	Princeton University / Self	<ul style="list-style-type: none"> Chair, IEEE ComSoc/Edge, Fog, Cloud Communications w/IOT and Big Data Standards Committee (COM/EdgeCloud-SC) Past President, IEEE Standards Association (SA) Member, IEEE SA Strategic and Emerging Standards Committee (SESCoM) Chair, IEEE ComSoc Standardization Activities Ad Hoc Committee Member, IEEE SA FelCom
Alex Gelman		Voting	NETovations, LLC	<ul style="list-style-type: none"> Chair, IEEE AccessCore-SC Treasurer, IEEE COM/SDB Co-Chair of Standards Working Group of Future Networks Technical Community Member of IEEE SA SESCOm Co-Chair, FDC Public Safety Technologies Standards Operations Committee FDC Rep to TAB COS

				<ul style="list-style-type: none"> • Member, IEEE AerCom Committee • Vice Chair of COM/SDB • Vice Chair, IEEE SA FelCom
Oliver Holland	X	Voting	Wipro Technologies	<ul style="list-style-type: none"> • Chair, IEEE 1918.1 • Chair, IEEE 1900.6 • Vice-Chair, IEEE 1900.7 • Chair, IEEE MobiNet Standards Committee • Chair, IEEE DYSPAN Standards Committee • Vice President, Standards VTS • Chair, IEEE VTS Standards Activities Committee • Board Member, Whitespace alliance
Haiying Lu (John)	X	Voting	Senior Engineer, China Electronics Standardization Institute (CESI)	<ul style="list-style-type: none"> • Chair, IEEE 1937.1 • Chair, IEEE COM/AerCom Standards Committee • Member, IEEE AudCom (2024) • Member, IEEE RevCom (2024) • Convenor, ISO/IEC JTC1/AG19 • Member, ISO/IEC JTC 1/AG 2 • Member, ISO/IEC JTC1/SC1 WG12 • Co-editor, ISO 22460-2 • Vice Chair, SAC/TC28/SC17 WG12 • Member, IEEE SASB • Chair, IEEE 1945
Prasad, R. Venkatesha (VP)	X (Joined Late)	Voting	Associate Professor, Networked Systems, Computer Science, Delft University of Technology	<ul style="list-style-type: none"> • Member - IEEE 1918.1, IEEE 1900.x • IEEE 1920.2, IEEE 1950, P1955 • Member - AIoTI • Member - One6G • Vice Chair MobiNet SC • Standards Liaison for Cognitive Networks TC
Rong Zhang	X	Voting	China Telecom Research Institute	<ul style="list-style-type: none"> • Member, IETF RFC 7494 IEEE 802.11 Medium Access Control (MAC) Profile for Control and Provisioning of Wireless Access Points (CAPWAP), 2013-2015 • Member, IETF RFC 8350 Alternate Tunnel Encapsulation for Data Frames in Control and Provisioning of Wireless Access Points (CAPWAP), 2013-2018 • Member, GSMA Personal Data Programme, 2015-2016 • Member, OMA Always Online Infrastructure, 2013-2014 • Chair, ComSoc SDB working group P1956

Non-Voting Member (Ex Officio)				
Ed Tiedemann		N.A.	Qualcomm, Senior Vice-President, Engineering / Qualcomm	<ul style="list-style-type: none"> • Past-Chair and Advisor to IEEE COM/SDB • Member of ComSoc Standardization Programs Development Board • Past head of Qualcomm's standards and industry organization activities • Chairman of Board, MFA (MulteFire Alliance) • Participant in ATIS Next G Alliance
Wei Zhang		N.A.	Professor, School of Electrical Engineering and Telecommunications, the University of New South Wales, Sydney, Australia	<ul style="list-style-type: none"> • ComSoc Vice President, Technical and Educational Activities
IEEE Staff:				
Karen Pannullo	X	N.A.	IEEE ComSoc Sr. Program Manager	<ul style="list-style-type: none"> • ComSoc Staff supporting COM/SDB • ComSoc Staff supporting Standardization Programs Development Board • ComSoc Staff supporting ComSoc Standardization Activities Ad Hoc Committee
Cyn Sikora		N.A.	IEEE ComSoc Director	<ul style="list-style-type: none"> • ComSoc Staff supporting COM/SDB • ComSoc Staff supporting Standardization Programs Development Board
Tom Thompson	X	N.A.	IEEE SA Staff	<ul style="list-style-type: none"> • SA Program Manager
Dalisa Gonzalez		N.A.	IEEE SA Staff	<ul style="list-style-type: none"> • Program Coordinator, IEEE SA
Other Visitors:				
				<ul style="list-style-type: none"> •

ComSoc Technical Committee (TC) Standards Liaisons:

Name	Attended	Email Address	Affiliation	ComSoc Technical Committee Represented	Standards Activities
Alharthi, Mohannad		malharthi1@kau.edu.sa	King Abdulaziz University	Communications Software	N/A
Chang, Wo		wchang615@gmail.com	Retired from NIST	ComSoc Big Data	N/A
Chatzimisios, Periklis		pchatzimisios@ihu.gr	International Hellenic University	Information Infrastructure and Networking	<ul style="list-style-type: none"> • Member of ComSoc Standardization Programs

					Development Board
Clemm, Alexander		ludwig@clemm.org	Futurewei	Network Operations & Management	<ul style="list-style-type: none"> Participant in IETF standards activities
Elmirghani, Jaafar			Kings College London Ultracell Networks	Transmission, Access, and Optical Systems	<ul style="list-style-type: none"> Chair, IEEE EEICT Chair, IEEE P1925.1, P1926.1, P1927.1, P1928.1, P1929.1 Member, IEEE 1922.1, 1922.2, 1923.1, 1924.1 Chair, COM/GreenICT SC PI EPSRC Terabit Optical Wireless (TOWS) project
Ferlin-Reiter, Simone		simoneferlin@gmail.com	Red Hat AB and Karlstad University	Internet	N/A
Ghosh, Amitava		amitava.ghosh@nokia.com	Nokia	Communication Theory	<ul style="list-style-type: none"> Sr. Editor IEEE Access
Giordano, Stefano		stefano.giordano@unipi.it	University of Pisa	Communications Systems Integration & Modeling Internet of Sounds ETI	<ul style="list-style-type: none"> Chair of ComSoc Tactile Internet TC
Jaafar, Wael	X (Joined late)	wael.jaafar@etsmtl.ca	École de technologie supérieure (ÉTS), University of Quebec	Satellite & Space Communications	<ul style="list-style-type: none"> Member of P1942 Standard for massive MIMO WG
Leo, Ruiqi (Richie)		richie.leo@zte.com.cn	ZTE Corporation	Signal Processing and Computing for Communications	<ul style="list-style-type: none"> Standardization Officer for IEEE ComSoc ETI on reconfigurable intelligent surfaces (ETI-RIS) Vice-chair of ISG RIS in the ETSI
Mao, Bomin		maobomin@foxmail.com	Northwestern Polytechnical University, China	Internet of Things, Ad Hoc and Sensor Networks	<ul style="list-style-type: none"> N/A
Misra, Sudip		sudipm@iitkgp.ac.in, sudip_misra@yahoo.com	Indian Institute of Technology	Green Communications and Computing	<ul style="list-style-type: none"> Vice-chair of ComSoc Green Communications and Computing TC

Noel, Adam	X	adam.noel@mun.ca	Memorial University	Molecular, Biological, and Multi-Scale Communications	<ul style="list-style-type: none"> Chair of ComSoc Molecular, Biological, and Multi-Scale Communications TC
Prasad, Neeli R.		neeliprasad@gmail.com	SPA Solutions LLC.	Communications and Information Security	N/A
Prasad, R. Venkatesha		r.r.venkatesha.prasad@tudelft.nl	TU Delft	Cognitive Networks	<ul style="list-style-type: none"> Member - IEEE 1918.1, IEEE 1900.x IEEE 1920.2, IEEE 1950, P1955 Member - AIoT Member - One6G Vice Chair MobiNet SC
Rindchen, Markus		m.rindchen@ppc-ag.de	Power Plus Communications AG	Power Line Communications	<ul style="list-style-type: none"> Vice-chair IEEE 1901 WG Vice-chair IEEE PLC-SC Vice -chair Strategy Marketing Working Group HD-PLC Alliance Member of CENELEC TC210WG11
Vardakas, John		jvardakas@iquadrat.com	Iquadrat Informatica, and University of Western Macedonia	Communications Systems Integration & Modeling	N/A
Yokotani, Tetsuya		yokotani@neptune.kanazawa-it.ac.jp	Kanazawa Institute of Technology, Japan	Communications Quality and Reliability	<ul style="list-style-type: none"> Member - IEEE 802, ITU-T SG15, ITU-T SG20, ITU-T FG-SMART (Conclude), ITU-T FG-DPM (Conclude), ISO/IEC JTC1/SC6, ISO/IEC JTC1/SC41
Yuan, Yifei		yuanyifei@chinamobile.com	China Mobile Research Institute	Wireless Communications	<ul style="list-style-type: none"> Participant of ETSI ISG on RIS 3GPP rapporteur of 5G non-orthogonal multiple access
Zheng, Anny Xijia		axzheng@google.com	Google LLC	Optical Networking	N/A

No Rep Reported				eHealth	
No Rep Reported				Multimedia Communications	
No Rep Reported				Communications Switching and Routing	