

IEEE EMC Society

Standards Development & Education Committee (SDECom)

Meeting Minutes

May 29, 2025

Virtual (WebEx)

Chair: Alistair Duffy apd@dmu.ac.uk
Vice Chair: Jens Medler jens.medler@rohde-schwarz.com
Secretary: Ross Carlton ross.carlton@gibbscox.com

Vice President (Standards);
Karen Burnham karen.burnham@gmail.com
Standards Association Liaison:
Jennifer Santulli j.santulli@ieee.org

Meeting start: 0800 PDT/1100 EDT/1500 UTC

1. Call to Order and Roll Call

Chair

1.1. Chair's Remarks

1.2. Introductions

1.3. Voting Membership

Roll call. Attendance is recorded in the Member Attendance Table.

Name	Role	Affiliation
Anderson, Steve	Member	ARRL
Benitez, Henry	Member	ElectroMagnetic Investigations
Braxton, Tom	Member	Retired
Burnham, Karen	Member	EMC United
Carlton, Ross	Secretary	Gibbs & Cox (Leidos)
Chen, Zhong	Member	ETS-Lindgren
Duffy, Alistair	Chair	De Montfort University
Fanning, Craig	Member	Elite Electronic Engineering
Heather, Fred	Member	US Navy - retired
Hoolihan, Dan	Member	Hoolihan EMC Consulting
Medler, Jens	Vice Chair	Rohde & Schwarz
Morse, Bill	Member	Schweitzer Engineering Labs
Norgard, John	Member	NASA
Pettit, Ghery	Member	Pettit EMC Consulting
Pissoort, Davy	Member	KU Leuven
Podgorski, Andrew	Member	Independent Scientist
Williams, Kimball	Member	Consultant

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1.4. Non-Voting Membership

Name	Role	Affiliation
Santulli, Jennifer	Secretariat	IEEE Standards Association
McLellan, Joanna	-	EMC Productivity

1.5. Non-Members

Name	Affiliation
Koj, Sebastian (*)	Jude High School
Armstrong, Keith	Cherry Clough Consultants
Roch, Anne (*)	TU Eindhoven
Jullien, Charles (*)	SAFRAN Group
Kuczynski, Victor	VICAN Corporation
Hill, Lee	Silent Solutions
Ramie, Jerry	ARC Technical Resources
Van Bladel, Edwin	Dutch MOD
Wong, Warwick (*)	Google
Blum, Jeffrey	Verdelite Consulting
Vergara, Dan	BAE Systems
Benitez, Ryan	Electromagnetic Investigations
Liu, Lie	General Test Systems
Feng, Gang	Christie Digital Systems
Hiltz, Greg	Consultant
Gardin, Petter	Swedish Armed Forces
Rincand, Edgard	Abbott Diabetes
(*) – Interested in becoming a member of SDECom.	

1.6. Quorum

Quorum requires 50% of the voting membership in attendance. With 17 voting members, 9 or more voting members are required to establish a quorum. A quorum was not established with 4 members in attendance.

- Approval of the Agenda** Secretary
The agenda could not be approved but was accepted by the attendees.
- IEEE Patent Slides** Secretary
The IEEE patent slides were reviewed. There were no questions or issues.
- Minutes of the Previous Meeting** Secretary
Review and approval of the previous meeting minutes is deferred to the next meeting.
- Actions of the Previous Meeting** Secretary
Action items were reviewed and updated.
- Membership** Chair
There have been no new member applications.

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STRATEGIC ACTIVITY FOR DISCUSSION

7. Policies and Procedures of SDECom

The P&Ps for SDECom and its Working Groups are posted on the SDECom website.

8. Standards Week 2025 Plans

The plans for 2025 are to continue the current schedule with minor modifications.

9. Standards Strategy

Deferred to the next meeting.

STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

10. Standards Reports and Status

The list of standards and their status is available on the EMCS web site.

https://s3.us-east-2.amazonaws.com/ieeesdecom/Standards_Matrix.pdf

11. Standards Actions

To discuss actions to take on standards.

- P1642 “Recommended Practice for Protecting Publicly Accessible Computer Systems from Intentional Electromagnetic Interference (IEMI)”
 - No work planned. Standard will be allowed to reversion to Inactive-Reserved.
- P1688 “Standard for Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules”
 - No work planned. Standard will be allowed to reversion to Inactive-Reserved.
- P2838 “Standard for Aircraft Component Lightning Strike Direct Effects Qualification”
 - SDECom requires access to the related SAE standards to properly adjudicate any issues and to perform the needed level of review prior to approving the draft for balloting.
 - Further extension of the PAR will require the draft for SDECom review.

12. Formation of Maintenance Working Groups for Expiring Standards

To discuss actions to take on standards expiring at the end of 2025.

- IEEE RP1642 “IEEE Recommended Practice for Protecting Publicly Accessible Computer Systems from Intentional Electromagnetic Interference (IEMI)”
- IEEE Standard 1688 “IEEE Standard Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules”

13. New Work Items

None.

14. Reports from SDECom representation on other bodies

None.

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15. Other IEEE Standards

None.

16. VP Standards

Thanked all for attending and participating this the Standards Week activities.

CLOSING ITEMS

17. Any other business

None.

18. Adjournment of meeting (0900 PDT/1200 EDT/1600 UTC))

The next meeting of SDECom will be on August 14, 2025, for two hours beginning at 0800 PDT, 1100 EDT, and 1500 UTC.

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ACTION ITEMS

AI #	Action	Owner	Assigned	Due	Status
2024-01	Describe recommendations for SDECom strategic focus.	A. Podgorski	01/23/24	Oct 2024 meeting	Closed. OBE.
2024-02	Establish study group with existing CG Chairs to review how work is going and what improvements or changes are needed. Review/revise the purpose, scope of a CG.	A. Duffy	01/23/24	Next meeting	Closed. OBE.
2024-03	Check with P3431 for status of addressing comments. Also send the comment list to AD.	R. Carlton	07/23/24	Next meeting	Closed. OBE.
2024-04	Ask Jennifer Santulli whether IEEE-SA is considering an online standards development system.	R. Carlton	07/30/24	Next meeting	Closed. Postponed.
2024-05	Send email to membership to poll for best meeting day.	R. Carlton	07/30/24	10/1/24	Closed.

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MEMBER ATTENDANCE

Committee Member	Meeting Date										
	230728	230803	231024	240123	240730	240808	250529				
Voting											
Anderson, Steve	-	-	-	X	X		-				
Benitez, Henry	X	X	-	-	-	X	-				
Braxton, Tom	-	X	-	X	X	X	X				
Burnham, Karen	X	X	X	X	X	X	X				
Carlton, Ross	X	X	X	X	X	X	X				
Chen, Zhong	-	-	-	-	-	X	-				
Duffy, Alistair	X	-	X	X	X	X	X				
Fanning, Craig	X	-	X	X	X	-	-				
Heather, Fred	-	X	-	-	X	X	-				
Hoolihan, Dan	-	-	-	-	-	-	-				
Medler, Jens	X	-	X	-	X	X	-				
Morse, Bill	-	-	X	-	-	X	-				
Norgard, John	-	-	-	-	-	X	-				
Pettit, Ghery	-	-	X	X	-	X	-				
Pissoort, Davy	X	X	-	-	X	X	-				
Podgorski, Andrew	X	-	-	X	X	-	-				
Williams, Kimball	-	X	X	-	X	X	-				
Non-Voting											
Santulli, Jennifer					-	-	X				
Roder, Patricia	X	X	X	X							

X = Attended