

IEEE EMC Society Standards Development & Education Committee (SDECom)

Meeting Minutes

August 21, 2025

Hybrid (In-person & 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: 1105 PDT/1405 EDT/1805 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

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

Name	Role	Affiliation
Santulli, Jennifer	Secretariat	IEEE Standards Association
McLellan, Joanna	-	EMC Productivity
Traver, David	-	Consumer Electronics Consultant

1.5. Non-Members

Name	Affiliation
Aviles, Carlos	Northrop Grumman
Brown, Reuben	Schweitzer Engineering Labs
Khilnani, Arun	University of Nottingham
Krishnan, Pavi	Oklahoma State University
Krishnan, Radha	Oklahoma State University
Long, Randy	ANAB
Morfin, Dalia	BD
Reitz, Richard	Retlif Test Engineering
Sneddon, Brandon	BD
Stewart, Eric	Collins Aerospace

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. Quorum was established with 9 members in attendance.

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|----|--|------------------|
| 2. | Approval of the Agenda | Secretary |
| | The agenda was unanimously approved without modification. | |
| 3. | IEEE SA Patent & Copyright Policy | Secretary |
| | The patent and copyright policy slides were shown. No issues were raised. | |
| 4. | Minutes of the Previous Meetings | Secretary |
| | Review and approval of the previous minutes was deferred until the next meeting. | |
| 5. | Actions of the Previous Meetings | Secretary |
| | Actions were reviewed and updated. | |
| 6. | Membership | Chair |
| | The membership was reviewed. | |

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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. Members should be familiar with the requirements for establishing and maintaining membership in SDECom. The SDECom P&Ps were reviewed.

8. Standards Week 2025 Summary

Standards Week had an active program of committee meetings, WG meetings, tutorials, technical papers, and a social event. All of our events had good attendance. It is not surprising, but the most active standards under SDECom are also the most popular standards.

9. Standards Week 2026 Plans

SDECom will continue the program in 2026 in Dallas.

10. Continuity Groups

SDECom received reports from the Shielding CG and the Functional Safety CG. The Shielding CG is very active with well-attended meetings where they are focused on the plan for IEEE 1302, investigating how the sources for SE measurements are established, and supporting Symposium execution and content.

The Functional Safety CG is welcoming a new Chair after the retirement of Keith Armstrong. The CG is working on new applications for functional safety and accelerating the maintenance on IEEE 1848.

11. Technical Committee Engagement

TCs continue to increase focus and engagement on development and maintenance of EMC standards,

12. Nominations for IEEE Fellow or EMCS Awards

Consider nominating significant contributors for Fellow or EMCS awards.

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STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

13. Standards Reports and Status

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

<https://www.emcs.org/wp-content/uploads/2025/08/EMC-Standards-Matrix.pdf>

14. Working Group Reports

AI 2025-01: SDECom Secretary to send the WG Report Form to the WG Chairs.

The following reports were made:

- P2838 “Standard for Aircraft Component Lightning Strike Direct Effects Qualification”
 - Status was presented by the WG Chair.
 - Making significant progress.
 - PAR expires 31 Dec 2025.
 - Motion for the WG Chair to provide draft with PAR extension request. Unanimous approval.

AI 2025-01: P2838 WG Chair to provide draft of standard with PAR extension request.

- IEEE 1848 “Standard for Techniques and Measures to Manage Functional Safety and Other Risks with Regard to Electromagnetic Disturbances”
 - Reviewed and revised the PAR for maintenance.
 - Motion to approve the PAR for maintenance of 1848. Unanimous approval.
- IEEE 1688 “Standard Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules”
 - Trying to establish whether maintenance is needed.

15. New Work Items

None.

16. Reports from SDECom representation on other bodies

The following reports were made:

- PES/PSRC
 - There have been changes to the scope of IEEE 1613.
 - A new version of C37.90 has gone to ballot.

17. VP Standards

Thanked all for attending and participating in SDECom and Standards Week activities.

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CLOSING ITEMS

18. Any other business

None.

19. Adjournment of meeting 1302 PDT/1602 EDT/2002 UTC

The next meeting of SDECom will be TBD.

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ACTION ITEMS

AI #	Action	Owner	Assigned	Due	Status
2025-01	SDECom Secretary to send the WG Report Form to the WG Chairs.	Carlton	8/21/25	Next meeting	Closed
2025-02	P2838 WG Chair to provide draft of standard with PAR extension request.	Heather	8/21/2025	As noted	Closed

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MEMBER ATTENDANCE

Committee Member	Meeting Date											
	230728	230803	231024	240123	240730	240808	250529	250814	250815			
Voting												
Anderson, Steve	-	-	-	X	X		-	-	-			
Benitez, Henry	X	X	-	-	-	X	-	-	X			
Braxton, Tom	-	X	-	X	X	X	X	-	-			
Burnham, Karen	X	X	X	X	X	X	X	X	X			
Carlton, Ross	X	X	X	X	X	X	X	X	X			
Chen, Zhong	-	-	-	-	-	X	-	-	-			
Duffy, Alistair	X	-	X	X	X	X	X	X	X			
Fanning, Craig	X	-	X	X	X	-	-	X	X			
Heather, Fred	-	X	-	-	X	X	-	X	X			
Hoolihan, Dan	-	-	-	-	-	-	-	-	-			
Medler, Jens	X	-	X	-	X	X	-	-	-			
Morse, Bill	-	-	X	-	-	X	-	-	X			
Norgard, John	-	-	-	-	-	X	-	-	X			
Pettit, Ghery	-	-	X	X	-	X	-	-	-			
Pissoort, Davy	X	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