

IEEE EMC Society

Standards Development & Education Committee (SDECom)

Meeting Minutes

July 22, 2026

Virtual (Teams)

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

Vice President (Standards);
Karen Burnham karen.burnham@gmail.com
Standards Association Liaison:
Christian Orlando c.orlando@ieee.org

Meeting start: 0800 PDT/1100 EDT/1500 UTC

1. Call to Order and Roll Call Chair

1.1. Chair's Remarks

Welcome to all!

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
Orlando, Christian	Secretariat	IEEE Standards Association
McLellan, Joanna	-	EMC Productivity
Traver, David	-	Consumer Electronics Consultant

1.5. Non-Members

Name	Affiliation
Radhakrishnan, Pavi	Oklahoma State University (2+ mtg)
DeRoy, Patrick	Analog Devices (1 st mtg)

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. With 7 members in attendance, quorum was not achieved.

- | | | |
|-----------|---|------------------|
| 2. | Approval of the Agenda | Secretary |
| | The agenda was unanimously approved without modification. | |
| 3. | IEEE 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 |
| | No current action items. | |
| 6. | Membership | Chair |
| | The membership was reviewed and updated. | |
| 7. | Leadership Succession Planning | Chair |
| | Officer elections are needed. The Chair needs to step down and remaining officers have very limited availability. | |

AI 2026-01: Secretary - Send draft call for officer nominations to VP Stds, send the final to the membership, and add officer election item to next agenda.

AI 2026-02: Secretary – Verify whether VP Stds can post to the ListServe and add access if needed.

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STRATEGIC ACTIVITY FOR DISCUSSION

8. 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 officer election frequency & location of P&Ps were reviewed.

9. Standards Week 2026 Plans

Standards Week 2026 will repeat our successful program in Dallas. Events include the SACCom meeting on Monday, the SDECom meeting on Thursday, a Standards Social after the SDECom meeting, and many Standards-focused papers, tutorials, and WG/CG meetings. The program is running well but any suggestions for improvements or additions are welcome.

10. Continuity Groups

Two of the original CGs are very active due to leadership and overall interest in the topics:

- Shielding
 - Focus on maintenance of IEEE 299-2006. PAR approved. Meetings in progress. Increasing maximum frequency from 18 GHz to 40 GHz. Anticipate the draft completed by EOY.
 - Should we consider up to 300 GHz and expanding on performance levels? Future topics.
 - Next focus will be on IEEE 299.1.
 - Will be coordinating with the WG for IEEE 1302.
- Functional Safety/Risk Management
 - Currently Chaired by VP Stds post Keith with meetings planned for Dallas.
 - Focus is on maintenance of IEEE 1848 an expanding scope to other applications.

11. Technical Committee Engagement

Members that attend TC meetings during the Symposium should report on any standards-related activities at the next meeting.

TC Meeting Coverage for the 2026 IEEE EMCS Symposium

TAC 1/ TAC 2 – VP Stds and/or SDECom officer

TC1 –

TC2 – Ross

TC3 – Fred

TC4 – Pavi

TC5 – Ross

TC6 –

TC7 –

TC8 – Fred/Karen

TC9 – Alistair

TC10 –

TC11 –

TC12 –

YP – Patrick, Pavi

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12. Nominations for IEEE Fellow or EMCS Awards

Standards work is valid for both. Please nominate those you consider worthy or notify SDECom leadership of your recommendation.

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>

Deferred to the next meeting.

14. Working Group Reports

Deferred to the next meeting.

15. Standards Actions

The following standards actions were discussed. Motions will be entertained at the next meeting to achieve quorum.

- From TC8(?): PAR for joint IEEE/AIAA version of AIAA-S-121
 - Currently being led by Jim Lukash but IEEE SA needs an approved PAR for this effort. Jim should be providing the PAR. PAR to be reviewed and voted on at the next meeting.
- From WG: Approve P2838 to form ballot group.
 - Completed IEEE MEC review with little impact. Needed one minor edit. Ready to form the ballot group. Planning motion for approval at earliest opportunity. SDECom will be provided with a copy of the standard for review in advance of the motion. (This is a procedural and editorial review – not a technical review.)
 - SAE is having internal issues in getting comments from their reviewers. May result in late comments to resolve at maintenance.
- From IEEE SA: “Motion to disband the IEEE/IEC SC 77B-WG 10 Category C liaison relationship.”
 - Motion requested by IEEE-SA to formally disband an inactive liaison relationship. Motion to be made at the next meeting.
 - Davy is currently a member (representing BE) of WG10. SDECom will seek his input at the next meeting.
 - SDECom will seek additional information from IEEE-SA on the details of this liaison at the next meeting.

16. New Work Items

No discussion but there are several new items in progress.

17. Reports from SDECom representation on other bodies

Deferred to the next meeting.

18. VP Standards

Thanks to all for attending and participating in SDECom and Standards Week activities.

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CLOSING ITEMS

19. Any other business

- EMC Europe 2027, Glasgow, Scotland
 - Separated by a few weeks from the Symposium in Portland.
 - SDECom would like to replicate the Standards Week program [WG meetings, SDECom/SACCom meetings (not the business meetings of the USA conference), tutorials, etc.] Members and WG Chairs should consider whether you can attend and support standards activities.
- APEMC 2027, Jeju, South Korea
 - SDECom should also consider expanded engagement as well.
- Funding streams for increased engagement
 - SDECom discussed issues and roadblocks to increased engagement.
 - EMC Europe is perceived as the most likely to receive support due to closer EMCS engagement.

20. Adjournment of meeting (0940 PDT)

The next meeting of SDECom will be Thursday, August 6, 2026 from 2:00pm to 4:00pm CDT (UTC-5). This will be a hybrid virtual & in-person meeting at the 2026 IEEE EMC+SIPI Symposium.

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ACTION ITEMS

AI #	Action	Owner	Assigned	Due	Status
2026-01	Send draft call for officer nominations to VP Stds, send the final to the membership, and add officer election item to next agenda.	Secretary	7/22/26	7/24/26	New
2026-02	Verify whether VP Stds can post to the ListServe and add access if needed.	Secretary	7/22/26	7/31/26	New

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MEMBER ATTENDANCE

Committee Member	Meeting Date											
	230728	230803	231024	240123	240730	240808	250529	250814	250821	260721	260806	
Voting												
Anderson, Steve	-	-	-	X	X		-	-	-	-		
Benitez, Henry	X	X	-	-	-	X	-	-	X	-		
Braxton, Tom	-	X	-	X	X	X	X	-	-	X		
Burnham, Karen	X	X	X	X	X	X	X	X	X	X		
Carlton, Ross	X	X	X	X	X	X	X	X	X	X		
Chen, Zhong	-	-	-	-	-	X	-	-	-	-		
Duffy, Alistair	X	-	X	X	X	X	X	X	X	X		
Fanning, Craig	X	-	X	X	X	-	-	X	X	X		
Heather, Fred	-	X	-	-	X	X	-	X	X	X		
Hoolihan, Dan	-	-	-	-	-	-	-	-	-	-		
Medler, Jens	X	-	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	-	-	-	-	X		
Williams, Kimball	-	X	X	-	X	X	-	-	-	-		
Non-Voting												
Orlando, Christian										-		
Santulli, Jennifer					-	-	X	-	-			
Roder, Patricia	X	X	X	X								

X = Attended