

IEEE EMC Society Standards Development & Education Committee (SDECom)

Meeting Minutes

July 28, 2023

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:
Patricia Roder p.roder@ieee.org

Meeting start: 08:00 PST (UTC/GMT -8 hours)

1. Call to Order and Roll Call Chair

1.1. Chair's Remarks

The Chair called the meeting to order at 08:00 PST.

1.2. Introductions

Members, participants, and guests introduced themselves.

1.3. Voting Membership

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

Name	Role	Affiliation
Anderson, Steve	Member	ARRL
Benitez, Henry	Secretary	ElectroMagnetic Investigations
Braxton, Tom	Member	Shure
Burnham, Karen	Member	Electro Magnetic Applications
Carlton, Ross	Chair	ETS-Lindgren
Duffy, Alistair	Member	De Montfort University
Fanning, Craig	Member	Elite Electronic Engineering
Festa, Domenico	Member	IBD
Heather, Fred	Member	US Navy
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
Roder, Patricia	Secretariat	IEEE Standards Association
McLellan, Joanna	-	EMC Productivity

1.5. Non-Members

Name	Affiliation
Armstrong, Keith	Cherry Clough Consultants
Ramie, Jerry	ARC Technical Services
Sellergen, Sean	
Vaghela, Jignesh	Ditch Witch

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 met with 9 members in attendance.

- Approval of the Agenda** **Secretary**

The agenda was reviewed. A motion to approve was made by Fanning and seconded by Benitez. The motion was unanimously approved.
- IEEE Patent Slides** **Secretary**

The IEEE SA Patent Policy was presented and a call for patents was made. There were no responses.
- Minutes of the Previous Meeting** **Secretary**

The meeting minutes from 12 April 2023 were reviewed. A motion to approve was made by Burnham and seconded by Benitez. The motion was unanimously approved.
- Actions of the Previous Meeting** **Secretary**

The action items were reviewed and updated.
- Membership** **Chair**

No new applications for membership were received.

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STRATEGIC ACTIVITY FOR DISCUSSION

7. Policies and Procedures of SDECom

The SDECom P&Ps have been published on the website.

WG P&Ps need to be updated. Here provided background noting that; historically, WG P&Ps have been WG -specific. Here completed an initial draft for review.

Reviewed and edited in meeting.

AI 2023-04: Carlton to Issue draft for review.

8. Arrangements for Standards Week 2023

SDECom will repeat its program for Standards Week in 2023 with additional focus on WG and CG meetings. See the Final Program for details and WebEx meeting information.

9. Continuity Groups

There needs to be more focus on assembling these Groups and getting them active. Discussion topics included changing the name and locating sources of funding to enable proactive engagement.

The current Continuity Groups are as follows:

- Emissions
 - Potential standards: 139, 187, 377
 - Potential chair: David Traver (open to discussion; availability severely limited)
- Shielding
 - Potential standards: 299, 299.1, 1302, 2715, 2716
 - Chair: Davy Pissort
- Probes
 - Potential standards: 475, 1309
 - Potential chair: Zhong Chen (open to discussion; availability severely limited)
- Computational Electromagnetics
 - Potential standards: 1597.1, 1597.2
 - Potential chair: Alistair Duffy
- Intentional EMI
 - Potential standards: 1642
 - Potential chair: Bill Radasky (open to discussion; availability severely limited)
- EMI Risk
 - Potential standards: 1848
 - Potential chair: Keith Armstrong

10. Working closer with Other IEEE Societies

Current engagement includes:

- ESDA (Michael Khazinsky, Silicon Labs)
- PES (Jerry Ramie, ARC Technical Resources)

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11. IEEE Standards Association

P. Roder provided a presentation on items of current significance to SDECom.

AI 2023-05: Carlton to send presentation to SDECom.

STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

12. 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

13. New Work Items

A PAR is being prepared for P1848.1 “IEEE Standard for Techniques and Measures to Manage Risks with Regard to Electromagnetic Disturbances – Machinery sector”. This work is complete and will be integrated into the WG P&Ps.

The request to approve an Entity PAR for development of an RP for IEDs was discussed.

AI 2023-06: Carlton to send information on the RP for IEDs to SDECom.

14. Reports from SDECom representation on other bodies

Norgard provided a report on the activities of ANSC C63.

AI 2023-07: Carlton to send report to SDECom.

15. Other IEEE Standards

No items of note.

16. VP Standards

Thanks to all!

CLOSING ITEMS

17. Any other business

None.

18. Adjournment of meeting (10:10 PDT)

The next meeting of SDECom will be on 3 August at 14:00 EDT.

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ACTION ITEMS

AI #	Action	Owner	Assigned	Due	Status
2021-09	Contact the Chair of the WG for P2838 for a response on similarity to other standards.	R. Carlton	7/13/21	8/16/21	No recent meeting or update. Will attend next WG.
2022-02	Present continuity group concept to TAC to see if TC's will promote participation or provide the CG membership or Chair.	R. Carlton	1/12/22	8/5/22	Open. Target for TAC at the Symposium.
2022-07	Request Std. 1560-2013 from J. Santulli and perform initial review.	R. Carlton	2/24/2022	4/1/2022	Open. Have the std. Review TBD.
2022-17	Assist with new WG P&Ps.	K. Burnham	11/3/22	11/30/22	Closed
2022-19	Review and connect with TC-4 on maintenance of Std 1560-2013.	R. Carlton	11/3/22	2/28/23	Open
2022-20	Initiate contact with PES on a joint meeting to hear new RP PAR.	R. Carlton	11/3/22	1/30/23	Open
2023-01	Inform Mr. Anderson and Mr. Morse of membership approval at 4/12/23 meeting.	R. Carlton	4/12/23	5/12/23	Closed
2023-02	Review and comment on Hare's draft WG P&Ps.	K. Burnham P. Roder	4/12/23	5/12/23	Closed
2023-03	Email WG Chairs to hold meetings at the Symposium.	K. Burnham R. Carlton	4/12/23	5/12/23	Closed
2023-04	Issue draft WG P&Ps for review.	R. Carlton	7/28/23	7/29/23	Closed
2023-05	Send IEEE-SA presentation to SDECom.	R. Carlton	7/28/23	8/2/23	Closed
2023-06	Send information on the RP for IEDs to SDECom	R. Carlton	7/28/23	8/2/23	Closed
2023-07	Send ASNC C63 report to SDECom.	R. Carlton	7/28/23	8/2/23	Closed

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MEMBER ATTENDANCE

Committee Member	Meeting Date										
	210816	220112	220224	220406	220801	220804	221103	230412	230728		
Voting											
Anderson, Steve									-		
Benitez, Henry	-	X	-	X	X	X	X	X	X		
Braxton, Tom	-	X	-	-	-	-	X	X	-		
Burnham, Karen	X	-	X	X	X	-	X	X	X		
Carlton, Ross	X	X	X	X	X	X	X	X	X		
Duffy, Alistair	-	X	-	X	-	X	-	-	X		
Fanning, Craig	X	X	X	X	-	-	-	X	X		
Festa, Domenico	-	-	-	-	X	-	-	-	X		
Hare, Ed	X	X	X	X	X	X	X	X			
Heather, Fred	-	-	-	-	X	-	-	-	-		
Hoolihan, Dan	-	-	-	-	X	-	-	-	-		
Medler, Jens	-	X	X	-	-	-	-	X	X		
Morse, Bill									-		
Norgard, John	X	-	X	X	X	X	-	-	X		
Pettit, Ghery	-	X	X	-	X	X	-	X	-		
Pissoort, Davy	-	X	-	X	X	X	-	-	X		
Podgorski, Andrew	X	X	X	-	X	X	X	X	X		
Williams, Kimball	-	X	X	X	X	X	-	X	-		
Non-Voting											
Santulli, Jennifer	X	X	X	X	X	X	X				
Roder, Patricia	-	-	-	-	-	-	-	X	X		

X = Attended