

# SDECom – August 4, 2022

## IEEE EMC Society Standards Development and Education Committee Minutes

August 4, 2022

Hybrid (In-person + WebEx)  
Spokane Convention Center, Room 302B  
Spokane, WA, USA

Chair: Ross Carlton [ross.carlton@ets-lindgren.com](mailto:ross.carlton@ets-lindgren.com)  
Vice Chair: Jens Medler [jens.medler@rohde-schwarz.com](mailto:jens.medler@rohde-schwarz.com)  
Secretary: Henry Benitez [henry@emicomply.com](mailto:henry@emicomply.com)

Vice President (Standards);  
Ed Hare [w1rfi@arrrl.org](mailto:w1rfi@arrrl.org)  
Standards Association Liaison:  
Jennifer Santulli [j.santulli@ieee.org](mailto:j.santulli@ieee.org)

### Meeting start (14:00 PDT)

#### 1. Call to Order and Roll Call Chair

##### 1.1. Chair's Remarks

The Chair called the meeting to order at 14:00 PDT.

##### 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
Benitez, Henry	Secretary	ElectroMagnetic Investigations
Braxton, Tom	Member	Shure
Burnham, Karen	Member	Electro Magnetic Applications
Carlton, Ross	Chair	ETS-Lindgren
Cohen, Larry	Member	Naval Research Labs
Duffy, Alistair	Member	De Montfort University
Fanning, Craig	Member	Elite Electronic Engineering
Festa, Domenico	Member	IBD
Hare, Ed	Member	ARRL
Heather, Fred	Member	US Navy
Hoolihan, Dan	Member	Hoolihan EMC Consulting
Medler, Jens	Vice Chair	Rohde & Schwarz
Norgard, John	Member	NASA
Pettit, Ghery	Member	Pettit EMC Consulting
Pissoort, Davy	Member	KU Leuven
Podgorski, Andrew	Member	Independent Scientist
Williams, Kimball	Member	Consultant
Zimmerman, Dave	Member	Spectrum EMC, LLC

## 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

## 1.5. Non-Members

Name	Affiliation
Abbate, Michael	Hunter Industries
Amralah, Nika	AP Americas
Armstrong, Keith	Cherry Clough
Kiger, Chad	AMS Corporation (WG P473 Chair)
Miller, Matthew	BAE Systems
Morse, Bill	Schweitzer Engineering
Ramie, Jerry	ARC Technical Services
Sellergren, Sean	TUV SUD
Vaghela, Jignesh	Ditch Witch

## 1.6. Quorum

Quorum requires 50% of the voting membership in attendance. With 18 voting members, 9 or more voting members are required to establish quorum. Quorum was met with 9 members in attendance.

### 2. Approval of the Agenda

Secretary

The agenda was reviewed. A motion to approve was made by E. Hare and seconded by K. Williams. The motion was unanimously approved.

### 3. Show IEEE Patent slides

Secretary

The IEEE SA Patent Policy was presented and a call for patents was made. There were no responses.

## *STRATEGIC ACTIVITY FOR DISCUSSION*

### 4. Arrangements for Standards Week 2023

SDECom will repeat its program for Standards Week in 2023 with additional focus on WG and CG meetings.

Based on feedback from 2022, in 2023 a question will be added to the paper review tool to allow reviewers to identify papers with significant Standards content or application. This will allow easier identification of presentations to be identified with the “S” mark to indicate Standards-related content.

### 5. Continuity Groups

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During Standards Week 2022, three CG meetings were held.

Alistair Duffy reports that the Computational Electromagnetics (CEM) CG met with four attendees present. The primary discussions were on where to focus.

Day Pissort reports that the Shielding CG met with 16 attendees present. The focus of the meeting was on the need to maintain IEEE Std. 299 and there was good interest among attendees. Several of the original WG members are planning to participate. TC-4 has indicated support.

Keith Armstrong reported that the Functional Safety CG met with 11 attendees present. There was intense discussion on areas of future potential focus such as Rail, Medical, Avionics, machinery, and Automotive applications. The applications areas of Automotive and Military appear to not be a good fit since their needs are handled differently.

### ***STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION***

#### **6. Standards Reports and Status**

Status reports and WG meeting updates were provided for P472, P1897, P2715, P2716, P2718, P2838, P2665 and P2855. 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](https://s3.us-east-2.amazonaws.com/ieeesdecom/Standards_Matrix.pdf)

#### **7. Formation of Maintenance Working Groups for Expiring Standards**

No discussion due to limited time.

### ***CLOSING ITEMS***

#### **8. Any other business**

None.

#### **9. Adjournment of meeting (15:10 PDT)**

The next meeting of SDECom will be on November 3, 2022 from 2:00pm to 4:00pm EDT.

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### *ACTION ITEMS*

<b>AI #</b>	<b>Action</b>	<b>Owner</b>	<b>Assigned</b>	<b>Due</b>	<b>Status</b>
2021-04	Draft a PAR for Std 1775.	Ed Hare	7/13/21	N/A	Open.
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. Planning a meeting for 8/4/22 AM.
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.
2022-03	Send P&Ps to SDECom and WG Chairs.	R. Carlton	2/24/2022	4/1/2022	Closed
2022-04	Contact Maria (with Alistair and Davy) for her level of interest in leading this CG.	R. Carlton	2/24/2022	4/1/2022	Closed
2022-05	Review Std. 475-2000 and make a recommendation on maintenance.	A. Podgorski	2/24/2022	4/1/2022	Closed
2022-06	Contact Z. Chen for level of maintenance required on Std. 1309-2013.	R. Carlton	2/24/2022	4/1/2022	Open
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.
2022-08	Check with Janet about room assignments for Standards.	R. Carlton	4/6/2022	5/1/2022	Closed
2022-09	Send email to WG Chairs requesting meeting dates/times for Standards Week.	E. Hare	4/6/2022	5/1/2022	Closed
2022-10	Send initial schedule to Ed, John, Karen for optimization.	R. Carlton	4/6/2022	5/1/2022	Closed
2022-11	Create a slide that can be used to introduce Standards activities at the Symposium.	K. Burnham	4/6/2022	5/1/2022	Closed
2022-12	Create content for a Standards Week web page on the Symposium web site.	R. Carlton	4/6/2022	5/1/2022	Closed
2022-13	Review the P&Ps and generate draft guidance to WG Chairs on the balloting process.	K. Burnham E. Hare	4/6/2022	5/1/2022	Closed
2022-14	Distribute project drafts to the membership to vote on balloting.	R. Carlton	4/6/2022	5/1/2022	Closed
2022-15	Update the member list on the website	R. Carlton	8/1/22	9/1/2022	New
2022-16	Post the 2022 P&Ps on the website.	R. Carlton	8/1/22	9/1/2022	New

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## MEMBER ATTENDANCE

Committee Member	Meeting Date										
	210816	220112	220224	220406	220801	220804					
<b>Voting</b>											
Benitez, Henry	E	X	E	X	X	X					
Braxton, Tom	-	X	E	-	-	-					
Burnham, Karen	X	-	X	X	X	E					
Carlton, Ross	X	X	X	X	X	X					
Cohen, Larry	-	-	-	-	-	-					
Duffy, Alistair	-	X	E	X	E	X					
Fanning, Craig	X	X	X	X	-	-					
Festa, Domenico	-	-	-	-	X	-					
Hare, Ed	X	X	X	X	X	X					
Heather, Fred	-	-	-	-	X	-					
Hoolihan, Dan	-	-	-	-	X	-					
Medler, Jens	-	X	X	-	E	E					
Norgard, John	X	-	X	X	X	X					
Pettit, Ghery	E	X	X	-	X	X					
Pissoort, Davy	E	X	E	X	X	X					
Podgorski, Andrew	X	X	X	-	X	X					
Williams, Kimball	-	X	X	X	X	X					
Zimmerman, Dave	-	-	-	-	-	-					
<b>Non-Voting</b>											
Santulli, Jennifer	X	X	X	X	X	X					

X = Attended

E = Excused absence