

SDECom Minutes – July 22, 2019 & July 25, 2019

IEEE EMC Society
Standards Development and Education Committee (SDECom)
<https://www.emcs.org/development-and-education.html>

Minutes

New Orleans Convention Center, New Orleans, LA
Room 339

Attendees:

Ed Hare (VP Standards)	Ross Carlton (Vice-Chair)	Henry Benitez (Secretary)
Ghery Pettit	Collin Brench	Tom Braxton
Chris Dewitt	John Norgard	Don Heirman
Sam Rotter	Jennifer Santulli	Kris Hatashita
Jens Medler	Fred Heather	Mike Violette
Jerry Ramie	Don Sweeney	

July 22, 2019

08:40-11:15

New Orleans, LA, USA

- 1. Call to Order and Introductions** **Chair**
The Chair opened the meeting by welcoming the attendees and establishing the ground rules for the meeting. The Chair also summarized the program of work for the meeting.

Attendees then introduced themselves, their affiliation, and their interest in standards development.

- 2. Approval of Agenda** **Secretary**
The draft agenda was reviewed. Item 9 on long-range strategy was deferred to a joint meeting with SACCom. No other changes were identified. Motion to approve the agenda was made by Ed Hare, seconded by John Norgard. The motion passed unanimously.

GENERAL ITEMS TO NOTE

- 3. Show IEEE Patent slides** **Chair**
Attendees were notified of the rules regarding the discussion of patented work. The attendees were polled for comments on or issues with the rules with none being raised.

ADMINISTRATIVE ITEMS FOR ACTION

- 4. Minutes of Previous Meeting** **Secretary**
The draft minutes for the April 7, 2019 meeting held in Cedar Park, TX were reviewed. No changes were made. Motion to approve the minutes was made by Ed Hare, seconded by John Norgard. The motion passed unanimously.
- 5. Actions of the Previous Meeting** **Secretary**
- Action 2018-07 – Jen Santulli: Add EMC-S as co-sponsor to both P1613 and PC37.90.2 – both standards with significant EMC content. **OPEN.**
 - Action 2018-08 – Jen Santulli: Add EMC-S as co-sponsor to PC37.90.1 and PC37.90.3. **OPEN.**

SDECom Minutes – July 22, 2019 & July 25, 2019

- Action 2019-04 – Ross Carlton, Alistair Duffy; Inform WG chairs for WG meetings at the symposium standards week. CLOSED.
- Action 2019-05 – Alistair Duffy; Get in touch with Kelly about Standards week. CLOSED.
- Action 2019-06 – Ed Hare; Ed to provide Henry with contact information of working group chairs. OPEN.
- Action 2019-07 – Alistair Duffy; Make proposal to name working groups that complete standards to “Maintenance” team. CLOSED.
- Action 2019-08 – Alistair Duffy; Talk to Xioning Ye regarding SI. CLOSED.
- Action 2019-09 – Alistair Duffy, Tom Braxton; Talk with Risk Management. CLOSED.
- Action 2019-10 – Ed Hare; Look at SA web page to assure everything is correct. CLOSED.
- Action 2019-11 – Alistair Duffy; Develop standards discussion group with APS & MTT & EMCS and other relevant standards for co-development standards. OPEN.

6. Arrangements for the Standards Week at the 2020 Symposium

Colin noted that Standards Week technical papers must be submitted to Explore for formal peer review by TAC. This is reasonable for technical papers.

The suggestion was made to add demos in coordination with standards. Ed commented that hands-on demos could be used to enhance Standards presentations.

Another suggestion was to include other SDO working groups, such as CISPR, Automotive, etc.

Call for Standards week activities proposals (possibly along with call for papers).

Action 2019-12 – Ed Hare/Ross Carlton: Create a Call for Standards Week activities proposals.

Action 2019-13 – Ed Hare: Investigate demo for power line conducted emissions effects due to wiring layout to lighting fixtures. Work with TC2.

7. Maintenance Committees

Discussion continued on the concept of maintenance committees. The consensus is that maintenance committees are needed but more work is required to define their purpose, scope and operations.

Action 2019-14 – Ed Hare: Add maintenance committee chairs and their reports to his EMC Standards Status report.

8. Working closer with Technical committees

Discussion on whether SDECom should remain the sole sponsor for EMCS standards. For example, TC 10 could sponsor SIPI standards. It was suggested that instead, SDECom could enlist members of TC10 or other groups that have interest in standards development.

9. Long-range Strategy

Discussion on future challenges and directions:

- Don Sweeney suggested more magazine articles on SDECom, standards development, and how to participate. What is SDECom doing and why?
- Chris DeWitt suggested topics such as “What standards can do for you.” and “How to use standards.”

Action 2019-15 – Ed Hare: Talk to Don Heirman about SDECom liaison to IEC ACEC.

SDECom Minutes – July 22, 2019 & July 25, 2019

10. IEEE Standards Association

Sue Kim will be covering for Jennifer Santulli during her maternity leave from Sept 2019 to Jan 2020.

11. SDECom Booth at the EMC Symposium

The planned implementation and staffing plan for the SDECom Booth was discussed. Since the booth is combined with all other EMCS organization, staffing needs are limited. Vignesh is managing the booth schedule. Members should volunteer for booth time.

Action 2019-16 – Ross Carlton: Provide SDECom promotional material for the booth.

STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

12. New Work Item – EUT Monitoring and Control during Immunity Testing

Chris DeWitt gave an overview presentation on EUT monitoring and control during immunity tests. While automated immunity monitoring is certainly desired, requiring it could be difficult. After discussion, it was the consensus of the SDECom that a Recommended Practice is appropriate for providing such recommendations and guidance. The RP could define different levels of communication, including two-way communication, for various purposes.

July 25, 2019

15:00-17:00

New Orleans, LA, USA

13. PAR Extension Requests

PAR extensions were discussed for the following projects. Extension requests must be submitted by September 17th in order to allow enough time to be processed by the end of the year. A ballot will be conducted by email prior to the September deadline.

- (a) **P1597.1 – Validation of Computational EM Computer Modeling and Simulation**
2-year extension.
- (b) **P370 – Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up to 50 GHz**
1-year extension.
- (c) **P1302 – Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 40 GHz**
1-year extension.

14. Standards reports

The current list of standards in development is located on the SDECom web site at:
http://www.emcs.org/standards/sdecom/Standards_Matrix.html

The current standards in development and standards requiring attention were reviewed.

Action 2019-17 – Alistair Duffy: Provide status of 1597.1 and 2710.

Action 2019-18 – Ross Carlton: Plan for a separate program for Standards Week.

SDECom Minutes – July 22, 2019 & July 25, 2019

15. Reports from SDECom representation on other bodies

ANSI C63 met at UL HQ in Raleigh, NC from April 29, 2019 to May 3, 2019. John Norgard provided a report on the meeting.

Jerry Ramie, the SDECom liaison to the Power & Energy Society and representative on their sponsored standards with EMC content, provided an update on the revision status of ANSI C37.90.1/2/3 and IEEE 1613/1613.1.

16. Other IEEE Standards

No other standards of interest were discussed.

17. VP Standards

Ed Hare presented the EMCS Standards Update.

CLOSING ITEMS

18. Any other business

Discussion returned to the topic of Maintenance Committees and whether there should be a single committee or many such committees. Fred Heather proposed a single committee that is not focused on maintaining a historical perspective but instead serves to identify standards needing revision and not needing revision.

19. Adjournment of meeting

The next meeting of SDECom will be held on December 9, 2019 in Reno, NV at the Atlantis Casino & Resort Hotel.