

# SDECom Minutes May 23, 2016

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IEEE EMC Society Standards Development and Education Committee  
Draft (SDECom) Minutes  
May 23, 2016 8:30 am – 12:00 pm PDT  
San Francisco, CA USA

Chair: Alistair Duffy  
Vice Chair: Craig Fanning  
Secretary: Ghery Pettit

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## 1. Attendees

### SDECom members

Alistair Duffy   Ghery Pettit   Ed Hare   Don Sweeney   Liuji R. Koga  
Tom Braxton

### Guests

Joanna Hill   Larry Cohen   Ross Carlton   Carlos Sartori   Mike Oliver

## 2. Approval of Agenda

The meeting was called to order at 8:39 am and the proposed agenda was approved with no changes.

### *GENERAL ITEMS TO NOTE*

## 3. Show IEEE Patent slides

Shown to ensure that all attendees of the meeting are aware of obligations and expectations under IEEE rules.

### *ADMINISTRATIVE ITEMS FOR ACTION.*

## 4. Minutes of the Previous Meeting

The minutes of the December 2015 meeting have not been prepared due to the absence of the Secretary's notes taken during the meeting..

## 5. Actions from the previous meeting

Discussion of ARs from March were deferred until July

## 6. Policies and Procedures

The updated Policies and Procedures document was discussed in the meeting. A number of items were discussed, resulting concerns about lack of voting on matters before the SDECom by members and other matters. The following action items and motions resulted from this discussion:

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AR 2016-01 Don Sweeney volunteered to “bug people” make sure they reply to queries and vote requests

AR 2016-02 Ghery Pettit is to send the membership list to the current members of SDECom and request updates. Do people wish to continue their membership on SDECom? Are their e-mail addresses correct? Non-responses will be forwarded to Brenda Mancuso at IEEE for updates to e-mail addresses and then these people will be queried again.

Motion: Don Sweeney moved (Ed Hare seconded) that we form a task force to determine how to disseminate SDECom information to the EMC Society membership. The motion was approved. The task force consists of the following volunteers: Don Sweeney (chair), Joanna Hill, Ed Hare, Tome Braxton, Ross Carlton and Ghery Pettit. Note that Joanna Hill and Ross Carlton are not current members of SDECom.

The task force will report its recommendations to SDECom at the July meetings in Ottawa.

AR 2016-03 Ghery Pettit will go back and attempt to reconstruct attendance at SDECom meeting for the past four years to confirm continued membership in SDECom. He will report the results of this work at the July meetings in Ottawa.

A discussion was held about liaisons or “angels” to the different standards working groups. Angels will be appointed as needed, and only when needed. Ed Hare will serve as the central point of contact when working group chairs have questions about how to do something. The Vice Chair of SDECom will collect reports from the working group chairs for each SDECom meeting.

### 7. Status of standards

The status of standards being developed under the EMC Society was discussed with the following results:

**P310, Signal Integrity of PCBs to 50 GHz.** The working groups is meeting on-line on a monthly basis.

**P1848, Risk Management.** A large international working group has been formed and will meet face to face for the first time in July in Ottawa.

AR 2016-04. Ghery Pettit to forward the membership list in the report received on P1848 to the SACCom secretary.

**P1597.1, CEM Validation.** The working group is forming.

**P2710, Shielding Effectiveness of Bags/Pouches.** The working group is forming.

**P2425, Nuclear Power Instrumentation and Control EMC Testing.** This is a joint project with PES and Nuclear Sciences. Mike Oliver is our liaison to this group.

The following projects are awaiting approval:

**P2716, Board Level Shielding**

**P2715, Planar Materials**

**P1897, Recommended Practice for Resolution of Power Line Interference Complaints.** A working group is active and a written report is due from Ed Hare.

**Std 139-1988.** This standard was reaffirmed in 2012

**AR #1 (August 2015)** – Don Heirman is to find out who worked on this standard in the past.

**Std 140.** Withdrawn and no further updates will be provided.

**Std 187-2003.** A new version is to be complete by the end of 2018.

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AR 2016-05. Alistair Duffy is to contact Dave Traver for a status update.

**Std 299.** No update, the standard is deemed OK at this time.

**Std 299.1.** No update, the standard is deemed OK at this time.

**Std 377-1980.** The conclusion of the committee is that this standard has outlived its usefulness and should be allowed to expire.

**Std 473** – This standard is withdrawn.

AR 2016-06. Alistair Duffy is to contact Fred Heather and/or Randy Jost for any update.

**Std 475** – No update, the standard is deemed OK at this time.

**Std 1128-1998.** Work is under way on this standard. Should this standard be updated to go to 18 GHz?

**Std 1140-1994.** This standard is scheduled to be withdrawn at the end of 2018. It was agreed that useful information should be extracted from the standard.

AR 2016-07. Alistair Duffy to contact Dave Thomas, TC7 Vice Chair about the next steps.

**Std 1302-2008.** The project to update this standard is under way.

**Std 1309.** No update, the standard is deemed OK at this time.

**Std 1560.** No update, the standard is deemed OK at this time..

**Std 1597.1-2008.** Work is on-going on the update to this standard.

**Std 1597.2.** Work will start on this standard when work on 1597.1 is completed.

**Std 1642-2015.** Published in 2015.

**Std 1688-2015.** Published in 2015

**P1836/P1837** – Withdrawn. No further work is planned. No further reports to be provided.

8. **C63** – This report was deferred to July in Ottawa

### 9. **New Initiatives**

It was agreed in discussion that an article on standards writing is needed for the EMC Magazine.

AR 2016-08. Ed Hare and Ghery Pettit are to collaborate in writing the article. Sidebars (which could become videos) on how some individuals became involved in standards writing will be included in this article to illustrate the diversity of experiences that lead to this work.

### 10. **Any Other Business**

It was noted that the web page is difficult to update. We need to look at options.

AR 2016-09. Tom Braxton is to head the effort to look at options for updating the web site.

Meeting rooms for Ottawa have been requested. Any last minute requests should be forwarded to Alistair Duffy as soon as possible.

### 11. **AR Review**

The ARs assigned in this meeting were reviewed and are listed here:

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AR 2016-03 Ghery Pettit will go back and attempt to reconstruct attendance at SDECom meeting for the past four years to confirm continued membership in SDECom. He will report the results of this work at the July meetings in Ottawa.

AR 2016-04. Ghery Pettit to forward the membership list in the report received on P1848 to the SACCom secretary.

AR 2016-05. Alistair Duffy is to contact Dave Traver for a status update on Std 187.

AR 2016-06. Alistair Duffy is to contact Fred Heather and/or Randy Jost for any update on Std 473.

AR 2016-07. Alistair Duffy to contact Dave Thomas, TC7 Vice Chair about the next steps on Std 1140.

AR 2016-08. Ed Hare and Ghery Pettit are to collaborate in writing the article for the EMC Magazine. Sidebars (which could become videos) on how some individuals became involved in standards writing will be included in this article to illustrate the diversity of experiences that lead to this work.

AR 2016-09. Tom Braxton is to head the effort to look at options for updating the web site.

13. The **next meeting** of the SDECom will be held on July 25 and July 28 in Ottawa, Canada.

The meeting was adjourned at 11:58 am (PDT).