

SDECom Minutes August 4 and 6, 2014

IEEE EMC Society Standards Development and Education Committee
Draft (SDECom) Minutes
August 4, 2014 8:00 AM – 11:00 AM local time
August 6, 2014 7:00 AM – 9:00 AM local time
Raleigh, NC USA

Chair: Alistair Duffy apd@dmu.ac.uk
Vice Chair: Craig Fanning cfanning@elitetest.com
Secretary: Ghery Pettit ghery.pettit@intel.com

1. Attendees

SDECom members (8/4)

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|----------------|--------------|------------------|--------------|---------------|
| Alistair Duffy | Ghery Pettit | Fred Heather | Don Sweeney | Davy Pissoort |
| Bob Scully | Ed Hare | Kimball Williams | | Don Heirman |
| Colin Brench | John Norgard | David Traver | Dan Hoolihan | Larry Cohen |
| Craig Fanning | | | | |

Guests (8/4)

Tricia Gerdon

SDECom members (8/6)

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|---------------|---------------|--------------|-------------|--------------|
| Ghery Pettit | Craig Fanning | Ed Hare | Don Heirman | Dan Hoolihan |
| Davy Pissoort | John Norgard | David Traver | Don Sweeney | |

Guests (8/6)

Tricia Gerdon Hugh Denny

2. Prior to the start of the formal meeting thanks were expressed to Joan Woolery for her help and support.

3. Approval of Agenda

The meeting was called to order at 8:00 am and the proposed agenda was approved with no changes.

GENERAL ITEMS TO NOTE

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4. **Show IEEE Patent slides**

To ensure that all attendees of the meeting are aware of obligations and expectations under IEEE rules these slides were shown to all attendees.

ADMINISTRATIVE ITEMS FOR ACTION

5. **Actions of the Previous Meeting**

The following action items were noted in the minutes of the February meeting and their current status is shown:

7.3 Close study groups with a recommendation as to whether submission of a PAR is appropriate. Action: A Marvin, J Catrysse. The study group is still working. This action remains open.

7.7 Options for investigating potential future development for Std 1140-1994 will be presented to the next meeting of SDECom. Action: A Duffy. Ongoing

7.8 Investigate with the interested party whether the PAR for reporting of power line faults will return to the work packages of SDECom. Action: A Duffy. Ongoing

8.1 Discuss item 8 of the November Minutes at the TAC level and report back on the level of support and recommended next steps at the next SDECom meeting. Action: C. Bunting. D Heirman will contact chairs of TCs to find out what they are doing to update/maintain/develop standards under their purview. D. Heirman to report to SDECom prior to the August meetings.

8.2 Re-evaluate Angel assignments, including publishing Angel terms of reference and Angel assignments on the Society's Standards web pages. Action: A Duffy. Deferred to later in the meeting.

9.1 Discuss options on C63 representation with the Primary Representative (A. Drozd) and report a course of action to SDECom with a motion, if appropriate. Action: A Duffy. Deferred to later in the meeting.

10.1 Contact SDECom members about whether they would be available to give standards related talks to start populating a register. Action: A Duffy. Ongoing

10.2 Pass the output from 10.1 to the chapter coordinator. Action: A Duffy. Ongoing

11.5 Discuss production of such a display with the VP of Member Services. Action: A Duffy. Ongoing.

13.2 Submit a formal proposal for a Certificate of Recognition. Action: D. Heirman. Ongoing

STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

6. **Appeal against SDECom's decision to withdraw PARs P1836/P1837**

John Maas presented the manufacturers' request (appeal). The appeal was rejected as the only option for an appeal is based on SDECom not following proper process, which it did. John was asked by Alistair to go back to the industry group to create a study group. Is there enough reason to re-start the work? Is there support for this work? John is to report back to SDECom at its next meeting.

7. **Working Groups**

The following members of SDECom will head working groups:

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- Craig Fanning will lead the work on revising and updating the SDECom webpage. In addition to updating the webpage, a key item for this group to decide is what information we wish to provide on the web
- Ghery S Pettit will lead the work on Policies and Procedures. The current P&P documents need to be updated to agree with IEEE SA requirements and reflect what we actually do. In addition, the working group P&Ps need to be updated. Ed Hare will help with this effort and Don Heirman is to send the URL for existing P&P documents on the SA web site.
- Ed Hare will update the membership list so we know who actually is a member of SDECom.
- Louann Devine will lead the working group on education and training
- John Norgard will lead the group studying future strategy. What should SDECom actually be doing?

8. To review the status of Standards maintained or watched by SDECom

The Committee is invited to note the current status of standards and projects not already discussed in the meeting.

- **Std 1182** expires in 2022.
- **Std 187-2003 - expires 31-Dec-2018**
IEEE Standard Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9 kHz to 40GHz. No major changes are needed. The figures show CRT products and should be updated to show up to date products. Dave Traver is to start the PAR for this work.
- **Std 377-1980 - expires 31-Dec-2018**
IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters. Larry Cohen is to start work on an update to this standard and issue a general call for participants in this work.
- **Std 1140-1994 - expires 31-Dec 2018**
IEEE Standard Procedures for the Measurement of Electric and Magnetic Fields from Video Display Terminals (VDTs) from 5 Hz to 400 kHz. TC7 is to update this standard
- **Std 1302-2008 - expires 31-Dec-2018**
IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 18 [40] GHz Chair: Davy Pisssoort. The PAR has been approved. There is a need for a general call for participants in this work.
- **Std 1597.1-2008 - expires 31-Dec-2018**
IEEE Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations. Chair: Andy Drozd. There was a working group meeting scheduled for the afternoon of August 4 to discuss what needs to be in the new PAR for this standard.
- **P1688** Standard for the control of electromagnetic interference characteristics of replaceable electronic modules. Chair: Fred Heather. Editorial changes will be incorporated and then this standard will be sent to IEEE for publication.
- **Std 473.** TC3 needs to provide status on this standard
- **P1642** Recommended practice for protecting public accessible computer systems from intentional EMI. Chair: Bill Radasky
The recent ballot was approved. Comments were resolved and the question now is whether a re-ballot is needed or if the editorial comments can simply be incorporated.

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The list of standards is also available on the EMCS web site, i.e.

http://www.emcs.org/standards/sdecom/Standards_Matrix.html

9. Reports from SDECom representation on other bodies

9.1. To receive a report from C63 representative Andy Drozd

Andy Drozd needs to drop out as the SDECom representative to C63 as his business is keeping him too busy to continue. Volunteers were solicited to take his place. John Norgard volunteered with Ed Hare as his alternate. Alistair Duffy is to generate the paperwork to appoint them in their new capacities.

The meeting was recessed for lunch and other meetings at 12 noon.

The meeting reconvened at 1:30 pm

9.2 Jerry Ramie provided a report on EMC standards work in SGIP. A couple standards are being worked within the Power Engineering Society (PES). These are IEEE 1613-2013 and IEEE 1613.1-2013. Jerry reports that these are good standards and he is serving as our liaison.

ITEMS FROM THE IEEE-SA

10. Tricia Gerdon, our new IEEE SA Staff Liaison, provided a presentation on the on-line process for generation, updating or other maintenance of PARs. In addition, there is a new tool called Mentor that may turn out to be a replacement for our web site and other on-line needs for SDECom.

The meeting was recessed at 2:35 pm until 7 am on August 6.

The meeting reconvened at 7 am on August 6.

11. There was no business carried over from the Monday meeting

12. No report was received from the ESAC joint meeting

13. No report was received on education and training priorities

14. Don Heirman reported on EMC Society Strategic Objectives and long range planning. The files "Appendix 1", "6.1", "6.2" and "6.3" show this information with the higher priorities highlighted in red. These files are available separately.

15. Don Heirman discussed travel grant status. Three documents are available that provide information on the travel grants, how to apply and how the applications are judged.

16. Don Heirman discussed the possibilities of Certificates of Recognition for participants in SDECom activities. It was agreed that this is a desirable thing to do. As a result, Don took 3 actions to return to the next SDECom meeting with suggestions on:

- Certificate for working group members
- Certificate for working group chairs
- Certificate for membership in SDECom.

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Don will work with Alistair Duffy, Craig Fanning and Ghery Pettit on wording for these certificates with work to be completed by the end of September

17. Web site review. Craig Fanning as an action item to update the website, including an update to the membership list. Ghery Pettit will contact Shannon Archambeault about the possibility of adding a calendar function to the site.

CLOSING ITEMS

18. **Any other business**

None

17. **Review of action items**

See these minutes

18. **Adjournment of meeting**

The next meeting of SDECom will be held on Sunday, November 16.

The meeting was adjourned at 8:52 am