

SDECom Minutes February 18th 2014

IEEE EMC Society Standards Development and Education Committee
Draft (SDECom) Minutes
February 18th, 2014 8:30 AM – 2:30 PM local time
Hyatt Regency Century Plaza
Los Angeles, USA

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

1. Attendees

On-site

Alistair Duffy	Ghery Pettit	Fred Heather	Don Sweeny	Mike Oliver
Liuji Koga	Henry Benitez	Bob Scully	Ed Hare	Bruce Archambeault
Colin Brench	David Staggs	John Norgard		

On-line

Craig Fanning Louann Devine Andy Drozd Don Heirman Davy Pissoort
Joan Woolery

All but Bruce Archambeault, and Joan Woolery are members of SDECom.

2. Status of P1836/P1937

Prior to the start of the regular agenda a special discussion was held on the status of P1836/P1837. Larry Conrad, chair of one of the two working groups called in and gave his status of the work on P1836/P1837. His position is that there are 2 ½ groups represented: Canadian utilities, manufacturers and (1/2) the lighting industry. The Canadian utilities feel they need a standard providing limits for power line harmonic emissions from devices connected to the grid, manufacturers are not convinced of the need and the lighting industry already has its own limits in place. A discussion lasting nearly 1 ½ hours ensued and was concluded with a motion to withdraw the PARs for P1836 and P1837. This motion passed unanimously with no abstentions. Larry received the thanks of SDECom, as did Mark Halpin and John O'Neill (in their absence) for his work and the special discussion was concluded just before 10 am.

3. Approval of Agenda

The regular meeting was called to order at 9:58 and the proposed agenda was approved with no changes.

GENERAL ITEMS TO NOTE

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.

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ADMINISTRATIVE ITEMS FOR ACTION

5. Minutes of Previous Meeting

It was moved by Ed Hare, seconded by Don Sweeny that the minutes of the November meeting be approved. The motion was approved.

6. Actions of the Previous Meeting

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

7.1 Submit a new PAR with a revised frequency range for Std 1302-2008. Action: D. Pissort, A. Duffy. Complete

7.2 Informal study group to be formed to look at the issues and recommend a course of action to SDECom for Std 1597.1-2008. Action: A Drozd. Complete

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.

7.4 Discuss further actions on Std 18702993 with D. Traver. Action: A Duffy. Ongoing

7.5 Discuss future actions on Std 377-1980 with L Cohen. Action: A Duffy. Ongoing

7.6 Discuss future actions on Std 1128-1998 with Z. Chen. Action: A Duffy. Ongoing

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

10.3 Discuss a joint committee between ESAC and SDECom. Action: A Duffy. Closed

11.1 Prepare and submit a proposal for a workshop on new standards to the 2014 IEEE International Symposium on EMC. Action: A Duffy. Closed

11.2 Discuss updating Std 1597.1 with the chair of 1597.1 and submit a proposal if appropriate. Action: A Duffy. Closed

11.3 Review timing for a possible tutorial at GlobeSPACE 2014 and submit a proposal if appropriate. Action: D. Heirman. GlobeSPACE 2014 has been delayed to December 1-4, 2014. Ongoing

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11:4 VP Standards to include \$750 in the budget for a display at the 2014 IEEE International Symposium on EMC. Action: D. Heirman. Closed

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

15.2 Report at the next meeting possible changes to the rules for awarding a travel grant for standards meetings held in conjunction with the IEEE International Symposium on EMC. Action: J Norgard. Covered in the agenda.

7. Election of Officers

The results of the election of officers for SDECom were presented. The following individuals were elected for a 3 year term (2014-2016):

Chair: Alistair Duffy

Vice Chair: Craig Fanning

Secretary: Ghery S. Pettit

STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

8. To discuss progress of current working group and study group projects

The Committee is invited to receive and discuss updates regarding the following working and study group activities (including elements of good practice to embed in other development processes and difficulties to overcome). NOTE: The IEEE SA no longer allows reconfirmation of standards. They have to be revised, amended or simply left to be administratively withdrawn at the 10 year maturity date

- **P1642** Recommended practice for protecting public accessible computer systems from intentional EMI. Chair: Bill Radasky

The recent ballot was approved. Comment resolution (editorial and technical) and a re-ballot are required.

- **P1688** Standard for the control of electromagnetic interference characteristics of replaceable electronic modules. Chair: Fred Heather

The recent ballot was approved. Comment resolution (editorial and technical) and a re-ballot are required.

- **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 Pissoort

The PAR has been submitted but not yet approved. Should happen around the end of March.

- **Std 1597.1-2008 - expires 31-Dec-2018**

IEEE Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations. Chair: Andy Drozd

A PAR is anticipated by the next meeting.

- **Std P1836/1837** – PAR expires 31-Dec-2014. As noted earlier in these minutes, these PARs are to be withdrawn.

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- **Study group on planar shielding effectiveness measurement** Chair: Andy Marvin. See previous comment on this topic.
- **Study group on the measurement of shielding of small structures** Chair: Johan Catrysse. See previous comment on this topic.

The following standards were discussed previously.

- **Std 187-2003 - expires 31-Dec-2018**
IEEE Standard Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9kHz to 40GHz
- **Std 377-1980 - expires 31-Dec-2018**
IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters
- **Std 1128-1998 - expires 31-Dec-2018**
IEEE Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 5 GHz
- **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

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

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

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

10. Reports from SDECom representation on other bodies

10.1. To receive a report from C63 representative Andy Drozd

The report was sent on February 18 covering highlights since last fall and was discussed in the meeting.

10.2. To action to agree additional representation to C63

Note: There is only one voting member usually entered by the primary or if the primary is not present the named alternate. Up to 3 others are allowed to be named to not have to pay for attendance of C63 subcommittee meetings

3 additional representatives need to be named.

ACTION: A Drozd to solicit from the SDECom membership volunteers with a final list due by March 1.

11. P&P manual

To discuss the need to update the SDECom P&P manual, including a WG P&P template, and agree a revisions working group, if appropriate.

ACTION: The SDECom officers plus D. Heirman and E Hare are to provide a review by the end of March.

12. Web site updating

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To discuss the material required on the web site and agree how the material (including the standards matrix) can be kept up-to-date and who will be placed in charge with that responsibility.

ACTION: E Hare and G Pettit are to fix with Shannon Archambeault (via B Archambeault). We need a password protected private space for standards information. IEEE has a tool called Central Workbench and Joan Wollery of IEEE will forward information.

13. Education and Training Coordinator

To discuss this role and agree a course of action to appoint the ETC. Note: ESAC is awaiting the naming of that person

Louann Devine is our Education and Training Coordinator and should work with ESAC to review workshop proposals.

14. Angel Program

To agree the detail and operation of this program and review, and revise if appropriate, the nominated Angels.

ACTION: E Hare to provide the current list of SDECom members to be posted on the web site.

15. SACCom liaison

To discuss how the information brought to/from the Society from SACCom representatives/SDECom working groups could be helpful to further the aims of SDECom, agreeing a recommendation to SACCom / VP Standards if appropriate.

ACTION: D Heirman to pass information from SACCom to SDECom on actions by other SDOs.

16. Standards Training Videos

It has been suggested that short education and training 'vignettes' concentrating on equipment configuration, measurement setup, etc. could be helpful for both ESAC and SDECom. It might be helpful if equipment manufacturers or test houses could contribute to these. This idea is to be discussed and, if appropriate, action agreed.

ACTION: L Devine to identify existing resources for EMC measurements videos.

17. Society Strategic Objectives and long range planning

Ideas are requested from SDECom members about how SDECom can make further contribution to the long range objectives of the Society and can, itself, address changes in the Standards environment.

17.1. EMCS Magazine contributions

Each EMCS magazine has space set aside for our standards work (both SACCom and SDECom) to be announced, requests for technical experts to work on these standards, and review of working group meetings.

ACTION: A Duffy to find a volunteer to prepare articles for each issue of the EMC Magazine summarizing 5 standards and call for help in updating those standards.

17.2. Standards Travel Grant

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There exists a travel grant with specific eligibility. The IEEE Foundation operates the distribution of funds based on names given to it by the EMCS travel grant committee chaired by John Norgard. There is need for further discussion of this eligibility and process

There was discussion about the possibility of changing the grant conditions to allow travel help for standards meetings held in conjunction with the IEEE International Symposium on EMC. It should be noted that a change to the grant conditions was proposed by the donor to allow this and this change was approved by the EMC Society BoD in their meetings following this SDECom meeting. This need has been met.

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 in conjunction with the 2014 IEEE International Symposium on EMC in Raleigh, NC. The meetings will be held on Monday, August 4 and Wednesday, August 6.

The meeting was adjourned at 2:23 pm.