

# SDECom Agenda August 5th and 7th 2013

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**IEEE EMC Society Standards Development and Education Committee**  
**Part 1**  
**Draft (SDECom) Agenda**  
**August 5th, 2013 8:00 AM-11:15**  
**Denver Convention Centre**  
**Colorado, USA**

**Call In Numbers:**

No Call-in will be available for this meeting

**Chair:** Alistair Duffy [apd@dmu.ac.uk](mailto:apd@dmu.ac.uk)  
**Vice Chair:** Vacant  
**Secretary:** Ed Hare, [w1rfi@arri.org](mailto:w1rfi@arri.org)

- 1. Call to Order and self introductions** **Chair**  
The call to order will include a moment's silence and quiet reflection to mark the passing of Kermit Phipps
- 2. Approval of Agenda** **Secretary**  
To agree agenda, modifying if necessary, and to identify any items of other business to be covered in AOB. To note the standards maintained by SDECom.

***GENERAL ITEMS TO NOTE***

- 3. Show IEEE Patent slides** **Secretary**  
To ensure that all attendees of the meeting are aware of obligations and expectations under IEEE rules

***ADMINISTRATIVE ITEMS FOR ACTION***

- 4. Election of Officers**  
Officer posts are subject to annual election. Nominations are invited for Chair, Vice Chair, Secretary and Education and Training Officer (ESAC Coordinator on WebSite). Don Heirman, VP Standards, will act as the election and returning officer for this election. Nominations will be accepted by Don until 1800 hrs on Tuesday. The elections will commence proceedings at the SDECom meeting on Wednesday at 7am.
- 5. Angel Assignments**  
The following list gives the current Angel Assignments. Members are invited to inform the Chair if they have agreed to swap or rearrange assignments. Angel Training is organized for Monday afternoon.
  - IEEE 139 - IEEE Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical (ISM) Equipment Installed on User's Premises **Bob Scully**

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- IEEE 187 - IEEE Standard on Radio Receivers: Open Field Method of Measurement of Spurious Radiation from FM and Television Broadcast Receivers *Henry Benitez*
- IEEE 299 - IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures *Don Sweeney*
- P299.1 - Standard method for measuring the Shielding Effectiveness of enclosures and boxes having all dimensions between 0.1 m and 2 m *Don Sweeney*
- IEEE 377 – IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters *Bruce Archambeault*
- IEEE 473 - IEEE Practice for an Electromagnetic Site Survey (10kHz to 10 GHz) *Luigi Koga*
- IEEE 475 - IEEE Standard Measurement Procedure for Field Disturbance Sensors, 300 MHz to 40 GHz *Andy Drozd*
- IEEE 1128 - IEEE Recommended Practice for RF Absorber Evaluation in the Range of 30MHz to 5GHz *Colin Brench*
- IEEE 1140 -1994 (R1999) - IEEE Standard for the Measurement of Electric and Magnetic Fields from Video Display Terminals (VDTs) from 5 Hz to 400 kHz *Ed Hare*
- IEEE 1302 – IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range DC to 18GHz *Colin Brench*
- IEEE 1309 - IEEE Standard Method for the Calibration of Electromagnetic Field Sensors and Field Probes, Excluding Antennas, from 9 kHz to 40GHz *Dan Hoolihan*
- IEEE P1560 - Methods of Measurement of Radio Frequency Interference Filter Suppression Capability in the Range of 100 Hz to 40 GHz *Kwok Soohoo*
- P1597.1 - Standard for Validation of Computational Electromagnetics (CEM) Computer Modeling and Simulation *Fred Heather*
- P1597.2 - Recommended Practice for Computational Electromagnetics (CEM) Computer Modeling and Simulation Applications *Fred Heather*
- P1642 - Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI *Alistair Duffy*
- P1688 – Standard for Module Electromagnetic Interference (EMI) Testing *Ghery Pettit*
- P1836/P1837 – Power-line harmonics *Don Sweeney*

## ***ADMINISTRATIVE ITEMS FOR DISCUSSION***

### **6. Minutes of the Previous meeting**

- 6.1. To approve the minutes of the meeting held in Raleigh, NC, in November for factual accuracy. Minutes to be circulated separately.
- 6.2. To review the actions arising from the minutes not already covered elsewhere on this **agenda**

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

### **7. To receive a presentation from Jerry Ramie about Smart Grid standards**

Jerry Ramie will give a short presentation and lead a discussion about other standardization work.

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

The Committee is invited to discuss actions required on any of those standards, with a particular focus on standards close to their expiry, those where technology developments lead to a revision of the standard and those where wider application can be found for the standard within the remit of the IEEE EMC Society. In particular, for standards due to expire in a few years, should SDECom

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reconvene a Working Group to update the standard in a timely manner, should SDECom convene a Study Group to identify whether a standard should be updated (including making changes to ensure the standard is relevant to the new engineering environment). For standards not due to expire, the committee is invited to consider whether changes in the underlying technology or application areas mean that a review of the standard would be appropriate. The list of standards is given under item 5 of this agenda. The standards due to expire within the next 5 years are:

Note: That these were reaffirmed to keep them active. There is no longer a reaffirmation process within the IEEE Standards Association. This means that if the standard is to continue to be active, a revision has to be made. Revisions open up the entire standard to changes.

- **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
- **Std 1302-2008 - expires 31-Dec-2018**  
IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 18 GHz
- **Std 1597.1-2008 - expires 31-Dec-2018**  
IEEE Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations

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

[http://www.emcs.org/standards/sdecom/Standards\\_Matrix.html](http://www.emcs.org/standards/sdecom/Standards_Matrix.html)

## 9. **Reports from SDECom representation on other bodies**

9.1. To receive reports from SDECom representation on other bodies.

### *VICE PRESIDENT (STANDARDS) ITEMS*

## 10. **Society Strategic Objectives and long range planning**

The Society has a number of strategic objectives: a number of which are 'owned' or have input from VP Standards. This item invites VP Standards to discuss those objectives and progress made in achieving them, including the identification of new work items for SDECom, if appropriate.

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11. **Travel grant**

To note the current status of the travel grant and to discuss and agree actions to further promulgate this monetary support of EMCS standards face to face meetings not at the annual symposium .

12. **Certificate of Recognition**

To discuss a proposal for a certificate to recognize outstanding service to EMC Society Standards.

13. **Old business**

Updating of web site—add link to agendas and minutes for past 5 years.

To receive further work items not previously closed.

*CLOSING ITEMS*

14. **Any other business**

To discuss items of other business raised under item 2

15. **Review of action items**

To review the action items arising during this meeting.

16. **Adjournment of meeting**

To note the date and venue of the next SDECom meeting.

4 November, 8:30 am to 1:00 pm Rome, Italy time at a venue to be announced in Rome.

Invitation to stay for the SACCom meeting between 11:15 am and noontime

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**IEEE EMC Society Standards Development and Education Committee  
Part 2  
Draft (SDECom) Agenda  
August 7th, 2013 7:00 AM – 9 AM  
Denver Convention Centre  
Colorado, USA**

1. **Call to Order** **Chair**
  
2. **Approval of Agenda** **Secretary**  
To agree agenda, modifying if necessary, and to and identify any items of other business to be covered in AOB.

### *ELECTION OF OFFICERS*

3. **To Elect Officers of SDECom effective from the Rome November 4 meeting** **VP Standards**
  - 3.1. To note nominations received
  - 3.2. The Committee will receive brief statements from each of the candidates and will vote for each position in turn. If more than one nomination is for a particular office, they will leave the room if discussions are desired. This will be a secret ballot by SDECom members.
    - Chairman
    - Vice-Chair
    - Secretary
    - Education and Training Coordinator (ESAC coordinator)

### *STANDARDIZATION ITEMS FOR DISCUSSION*

4. **To discuss and, if appropriate, agree new standardization activities**  
The committee is invited to discuss possible work items and agree an appropriate course of action for each

### *ADMINISTRATIVE ITEMS FOR DISCUSSION*

5. **Education and Training activities**  
To receive a brief review of the discussions during the SDECom / ESAC working lunch and agree actions as necessary
  
6. **Angel Training**  
To discuss the Angel Training on Monday and agree further training and support requirements.
  
7. **SDECom Priorities**  
To discuss future priorities and actions. The Committee may wish to consider if the current P&P document is current or whether this needs updating. This might include a volunteer to conduct an

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audit to determine what is being followed in the current P&P and what needs to be changed. It will also include a discussion about whether a single P&P template should be available for all WGs.

### *CLOSING ITEMS*

**8. Any other business**

To discuss items of other business raised under item 2

**9. Review of action items**

To review the action items arising during this meeting.

**10. Adjournment of meeting**

To note the date and venue of the next SDECom meeting

4 November 2013, Rome Italy, 8:30 am to 1:00 pm Rome time.