

SDECom Minutes August 17 and 20, 2015

IEEE EMC Society Standards Development and Education Committee
Draft (SDECom) Minutes
August 17, 2015 8:00 AM – 11:00 AM CEDT
August 20, 2015 3:00 PM – 5:00 PM CEDT
Dresden, Germany

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

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1. Attendees (August 17)

SDECom members

Alistair Duffy Ghery Pettit Bob Scully Colin Brench John Norgard
Dan Hoolihan David Traver Don Heirman Kimball Williams
Tom Braxton

Guests

Christian Brull

2. Approval of Agenda

The meeting was called to order at 8:12 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. Standards Booth

Manning plans for the booth were reviewed.

5. Minutes of the Previous Meeting

The minutes of the March meetings will be discussed in the December meeting.

6. Actions from the previous meeting

Discussion of ARs from March were deferred until December

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7. Status of standards

Std 139-1988. This standard requires an update.

AR #1 – Don Heirman is to find out who worked on this standard in the past.

Std 187-2003. Three ARs were assigned relating to this standard.

AR #2 – Dave Traver is to provide a report on on-going work

AR #3 – Ghery Pettit to contact Fujio Amamiya with a request from Dave Traver for information on related work.

AR #4 – Don Heirman to contact Samsung about participation on updating this standard.

Std 299

Std 299.1

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

Std 473 – One AR was assigned.

AR #5 – Alistair Duffy is to contact Fred Heather about the current status of this standard.

Std 475 – No work is needed on this standard at this time.

Std 1128-1998. Work is under way on this standard.

Std 1140-1994. TC7 is to update this standard. A report is due at the August 20 continuation of this meeting.

Std 1302-2008. A report will be received at the August 20 continuation of this meeting.

Std 1560. This is a recent standard. No work is needed at this time.

Std 1597.1-2008. A report will be provided by Alistair Duffy at the August 20 continuation of this meeting.. Also, a PAR is to be prepared.

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

Std 1642-2015. Published this year

Std 1688-2015. Published this year

P1836/P1837 – Withdrawn. No further work is planned.

P1897 – It is reported that this is under development SDECom will look for a further update at its December meeting.

8. Priorities for 2016

8.1 Conference presence. It was agreed that SDECom needs material for the standards booth for various symposia. Details are discussed below.

8.1.1 Should we look to have a ‘Standards Day’ just before the start of the conference for WG and SG meetings with a plenary meeting with buffet?

It was agreed that a meeting in conjunction with the symposium seems to best at this time as there is a better chance of attendees getting travel funding.

8.1.2 Portable presentation material.

AR #6 – Tom Braxton is to lead the effort to design booth material with Don Heirman and Craig Fanning

8.1.3 Web presence. This work will be deferred until 8.1.2 work is complete.

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8.2 Web site. What should be on the SDECom web site? And, what is the status of the work?

AR #7 – Bob Scully to collect inputs on needed content and/or format on updates for the web site. Work is to be completed by October 15. Inputs are needed to Bob by September 30.

8.3 Policies and Procedures.

AR #8 – Alistair Duffy, Ed Hare and Ghery Pettit to update the P&Ps. Meet in October to draft updates by the end of October.

9. Reports from SDECom representation on other bodies

ASC C63® - An interpretation on antenna positioning has been published, but the issued isn't finished. SDECom expressed its appreciation to John Norgard for serving as the focal point on this work.

10. The meeting was recessed until August 20.

Continuation of the meeting on August 20

1. Attendees (August 20)

SDECom members

Alistair Duffy Ghery Pettit Tom Braxton Colin Brench Don Heirman
David Traver Davy Pissoort Henry Benitez

Guests

Keith Armstrong

The meeting was called to order at 3:00 pm

7. VP Standards report

1.. What are our goals? Strategy?

AR #9 – Don Heirman to create strategy for the standards operation of the Society. Finish before the next BoD meeting in December.

2. There is a new initiative for a traveling exhibit for standards. There is a \$5,000 budget for this work.

AR #10 – Craig Fanning is to generate a Purchase Order for the VP Standards

3. Travel grant update. All SDECom members should continue to evangelize the availability of these funds.

One other item of interest was noted. ESAC is now EdCom (Education Committee).

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8.4 A report was received from Keith Armstrong on a meeting held earlier in the week on the topic of risk management in EMC. The report is included with these minutes as “Intro to EMC4FS, 16 August 2015.pps”

A PAR proposal for “Managing Risks due to EMI” is listed below:

AR #11 – Alistair Duffy to send out the PAR, ask for comments by the end of August and then vote on acceptance of the PAR. Voting is to be completed in September.

8.5 P1302. A report was received on a meeting held earlier in the week. Committee officers are:

Chair: Davy Pissoort
Co-Chair: Gary Fenical
Secretary: Christian Brull

8.6 Planar Materials. A report was received on a meeting earlier in the week on planar materials. A guidance document PAR is to be proposed by Davy Pissoort. A report is included with these minutes as “Planar shielding report 20150820.doc”.

8.7 On-board shielding. A report was received from Davy Pissoort showing that there is interest in board level shields. A PAR is to be written with the scope of the standard to be defined and a working group formed. A report is included with these minutes as “Board level shielding report 20150820.xls”.

8.8 Forensic pouches. Alistair Duffy reported that there are no relevant standards for measuring shielding of bags. A PAR is to be submitted for a short top level document, recognizing that emerging communications technologies may need different techniques. A report is included with these minutes as “Forensic bags and pouch report 20150820.xls”.

8.1 1597.1. A meeting was held on August 18 and a report received from Alistair Duffy. A PAR will be submitted, a working group formed and a meeting will be held on September 25 via teleconference. This will be a significant re-write of the existing standard. A report is included with these minutes as “1597-1 SG Report 20150818.xls”.

8.2 P370. The committee working on this project for passive interconnects is meeting regularly.

8.10 Std 473. No new information is available at this time.

8.3 Std 187. A report was received. The report is included with these minutes as “WG 187-SG 2015.0817 Report.xls”.

8.9 Std 1128 A group is working towards a PAR for the anechoic chamber environment to 18 GHz.

8.11 Other ad hoc meetings

Std 1140 – TC7 discusses some interest in keeping the measurement method described in this standard, rather than allowing the standard to expire. TC7 may be looking into low frequency measurements.

AR #12 – Don Heirman and Alistair Duffy are to work with TC7 leadership on forming proper working groups and study groups for this work.

9. Zero Method. No information was forthcoming beyond some e-mail traffic that could shed light on what this proposal really means. Nothing further will be done until more information describing the method is received.

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10. SIPI – A short discussion was held on the prospect of a standard on SIPI. Suggestions included issuing a technical report or good practices guide in place of a standard. This is a subject for future discussion.
11. Other business. No other business was identified for this meeting.
12. ARs were reviewed and are listed in these minutes.
13. The next meeting of the SDECom will be held on December 2 near Orlando, Florida.