

SDCom Approved Agenda, May 30, 2008

SDCom Draft AGENDA
Salt Lake City, UT
Little America Hotel
500 South Main Street
Salt Lake City , 84101
Telephone: 801-596-5700
Reservations: 800-453-9450
Start 11:00 AM

Chairman: Steven Berger, stephen.berger@ieee.org
Vice Chairman: Colin Brench, colinbrench@yahoo.com
Secretary: Ed Hare, w1rfi@arri.org

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|---|------------------|
| 1 Call to Order | Chair |
| 2 Introductions and Approval of Agenda | Secretary |
| 3 Review and Approval of Minutes of Previous Meeting | Secretary |
| 4 SDCom Administrative Support | Secretary |
| 4.1 Web page | Pettit |
| 4.2 Policies and Procedures | Hare |
| <i>Status: WG formed, no activity.</i> | |
| 5 Status of Maintenance Stds | Secretary |
| 5.1 Std 139^a - In-situ measurement of ISM equipment | Secretary |
| <i>Status: Begin revision for 5-year review 8/2009. No action required.</i> | |
| 5.2 Std 187^b - Measurement of spurious from FM/TV receivers | Secretary |
| <i>Status: Reaffirmation comments resolved. Pending publication.</i> | |
| 5.3 Std 299^c - Measuring shielding effectiveness | Sarto |
| <i>Status: Begin revision for 5-year review 8/2009. No action required.</i> | |
| 5.4 P299.1^d - Shielding effectiveness, dimensions 0.1-2m | Sarto |
| <i>Status: Work in progress.</i> | |
| 5.5 Std 377^e - Spurious from land-mobile transmitters | Secretary |
| <i>Status: Reaffirmation comments resolved. Awaiting publication.</i> | |

^a IEEE 139 - IEEE Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical (ISM) Equipment Installed on User's Premises

^b IEEE 187 - IEEE Standard on Radio Receivers: Open Field Method of Measurement of Spurious Radiation from FM and Television Broadcast Receivers

^c IEEE 299 - IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures

^d P299.1 - Standard method for measuring the Shielding Effectiveness of enclosures and boxes having all dimensions between 0.1 m and 2 m

- 5.6 Std 473^f - EM site survey to 10 GHz** **Joffe**
Status: Vilitis is new WG Chair. Report needed.
- 5.7 Std 475^g - Measurement of field disturbance sensors** **Secretary**
Status: Standard expires at end of 2011, but with interest in extending the frequency range below 300 MHz, it would be best to begin revision for 5-year review 8/2009. SDCom should have discussion about forming WG.
- 5.8 Std 1128^h - RF absorber evaluation** **Secretary**
Status: Standard expires at the end of 2011, but there was some discussion that the frequency range of 5 GHz is archaic. The standard should be revised instead of reaffirmed. It would be best to begin revision for 5-year review 8/2009. SDCom should have discussion about forming WG.
- 5.9 Std 1140ⁱ - Measuring emissions from video-display terminals** **Secretary**
Status: Consider revision for 5-year review 8/2009. No action needed. There was some opinion within SDCom that standard should be allowed to be retired.
- 5.10 Std 1302^j - Characterization of conductive gaskets** **Catrysse**
Status: Submitted for ballot in March 2008. Ballot passed.
Note: PAR expires at end of 2008. No action needed.
- 5.11 Std 1309^k - Calibration of field sensors** **Chen**
Status: Chen just assumed WG chair. Report at meeting if present..
AI: Berger to obtain report from Mr. Chen.
AI: Secretary to prepare and submit revised PAR, showing change of chair.
AI: Category D liaison with TC-778B to be established.
Note: PAR expires at end of 2008. Extension request must be submitted to Nescom by October 20, 2008.
- 5.12 1309 Amd.** **Chen**
Status: WG Chair Chen just assumed WG chair. Report at meeting if present.
- 5.13 P1560^l - Measurement of RFI filtering capability** **Phipps**
Status: The standard expires at end of 2010. WG Chair Phipps reported that no change is needed for document. Can be submitted for reaffirmation at any time.
- 5.14 P1597.1^m - Validation of EM computer modeling** **Drozd**
Status: WG Chair Drozd reports that standard is ready for ballot.
AI: Secretary to upload draft immediately.

^c IEEE 377 - IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters

^f IEEE 473 - IEEE Practice for an Electromagnetic Site Survey (10kHz to 10 GHz)

^g IEEE 475 - IEEE Standard Measurement Procedure for Field Disturbance Sensors, 300 MHz to 40 GHz

^h IEEE 1128 - IEEE Recommended Practice for RF Absorber Evaluation in the Range of 30MHz to 5GHz

ⁱ 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

^j IEEE 1302 – IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range DC to 18GHz

^k IEEE 1309 - IEEE Standard Method for the Calibration of Electromagnetic Field Sensors and Field Probes, Excluding Antennas, from 9 kHz to 40GHz

^l IEEE P1560 - Methods of Measurement of Radio Frequency Interference Filter Suppression Capability in the Range of 100 Hz to 40 GHz

^m P1597.1 - Standard for Validation of Computational Electromagnetics (CEM) Computer Modeling and Simulation

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- 5.15 P1597.2ⁿ - EM computer modeling applications** **Drozd**
Status: Standard is ready for ballot.
AI: Secretary to upload draft immediately upon SDCom vote to send to ballot.
- 5.16 P1642^o Protecting public computers from intentional EMI** **Radasky**
Status: PAR for project extended to 2011. WG chair to report if present.
- 5.17 P1643^p - Protecting voting systems from intentional EMI** **Radasky**
Status: PAR expired at end of 2007, as voted by SDCom. The content of P1643 will be included in P1642. This item will not appear on future SDCom agendae.
- 5.18 P1688^q - Module EMI testing** **Heather**
Status: Report from WG chair at meeting
- 5.19 P1775^r - BPL emissions testing/immunity testing and limits** **Hare**
Status: Hare to report at meeting.
- 5.20 Summary discussion of progress on projects** **Chair**
- 6 Old Business** **Secretary**
- 6.1 Discussion of Symposium and WG-meeting-room needs** **Chair**
- 6.2 Discussion on election of officers, per bylaws^s** **Secretary**
- o Two year cycle
 - o Steve Berger longer than two years – Chair needs election
 - o Ed Hare made Secretary August 2006
 - o Colin Brench made Vice Chair by email vote September 2006
 - o Elections proposed to be held at August meeting to bring election of all officers in sync. This will have us hold elections at the Symposium on all even-numbered years.
- 6.3 SDCom meetings and WG meetings in Detroit - logistics and paperwork** **Secretary**
- 6.4 Radar absorbing materials** **Ford**
- 6.5 Voting machine EMC** **Berger**

ⁿ P1597.2 - Recommended Practice for Computational Electromagnetics (CEM) Computer Modeling and Simulation Applications

^o P1642 - Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

^p P1643 - Recommended Practice for Protecting Voting Equipment and Systems from Intentional EMI

^q P1688 – Standard for Module Electromagnetic Interference (EMI) Testing

^r P1775 - Standard for Broadband Powerline Communication Equipment – Electromagnetic Compatibility (EMC) Requirements – Testing and Measurements Methods

^s From the P&Ps: 3.2 Officers -- *There shall be a Chair, Vice Chair, and Secretary of the Standards Development Committee.* The Chair is elected for a two-year term by the EMC-S Vice President for Standards with the approval of the EMC-S Board of Directors. The Vice Chair and Secretary are also elected bi-annually by majority vote of the Standards Development Committee members.

7 New business (if any) Chair

7.1 Long Range Planning - EMC-S Heirman

o Start standardization activity for the emerging technology (ET) technical committee of the EMCS. List of candidate technologies and volunteers.

o Provide a way that EMCS members can have access to EMC standards and regulations

7.2 Long Range Planning – SETCom (Qiubo Ye) Secretary

7.3 A2LA EMac committee list of class of equipment vs calibration, characterization and verification requirements.

8 Review of Open Action Items Secretary

9 Upcoming meeting schedule Secretary

August 18 and 20, 2008 Detroit @ EMC 2008 times tbd

November 19, 2008 Long Beach 9 AM-5 PM

Note: Future meeting dates are as discussed or known at meeting. They are subject to future change, so they should be used for general information only. These dates should not be used to finalize travel. Other than at the Symposium, SDCom will meet the day before the meetings of the EMC-S Board of Directors.

10 Adjournment Secretary