

**SDCom Approved AGENDA**  
**August 18 and 20, 2008**  
**IEEE EMC Symposium, Detroit, MI**  
**Monday: 8:00 AM – 10:45 AM August 18**  
**Wednesday: 7:00 AM – 8:30 AM**  
**Chairman: Steven Berger, [stephen.berger@ieee.org](mailto:stephen.berger@ieee.org)**  
**Vice Chairman: Colin Brench, [colin.brench@ieee.org](mailto:colin.brench@ieee.org)**  
**Secretary: Ed Hare, [w1rfi@arri.org](mailto:w1rfi@arri.org)**

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|------------|---|------------------|
| <b>1</b>   | <b>Call to Order</b>  | <b>Chair</b>     |
| <b>2</b>   | <b>Introductions and Approval of Agenda</b>   | <b>Secretary</b> |
|            | <b>Note: The only change from what was emailed to SDCom is that long-range planning and the announcement of the results of the SDCom officer election has been moved to Section 4 to allow Mr. Heirman to present them today.</b> |                  |
| <b>3</b>   | <b>Show IEEE patent slides</b>  | <b>Secretary</b> |
| <b>4</b>   | <b>SDCom Administrative Support</b>   | <b>Secretary</b> |
|            | <b>4.1 Brief overview of SDCom purpose and scope of SDCom</b>   | <b>Chair</b>     |
|            | <b>4.2 SDCom officer election (results)</b>   | <b>Heirman</b>   |
|            | <b>4.3 Long-range planning</b>  | <b>Heirman</b>   |
| <b>5</b>   | <b>Status of Standards Maintained by SDCom</b>  |                  |
|            | <b>Secretary</b>  |                  |
| <b>5.1</b> | <b>Std 139<sup>a</sup> - In-situ measurement of ISM equipment</b>   | <b>Secretary</b> |
|            | <i>Status: Begin revision for 5-year review 8/2009. No action required.</i>   |                  |
| <b>5.2</b> | <b>Std 187<sup>b</sup> - Measurement of spurious from FM/TV receivers</b>   | <b>Secretary</b> |
|            | <i>Status: Passed reaffirmation ballot. Submitted to RevCom.</i>  |                  |
| <b>5.3</b> | <b>Std 299<sup>c</sup> - Measuring shielding effectiveness</b>  | <b>Sarto</b>     |
|            | <i>Status: Begin revision for 5-year review 8/2009. No action required.</i>   |                  |
| <b>5.4</b> | <b>P299.1<sup>d</sup> - Shielding effectiveness, dimensions 0.1-2m</b>  | <b>Sarto</b>     |
|            | <i>Status: Work in progress.</i>  |                  |

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

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

<sup>c</sup> IEEE 299 - IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures

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

- 5.5 Std 377<sup>e</sup> - Spurious from land-mobile transmitters** **Secretary**  
*Status: Reaffirmation comments resolved. Submitted to RevCom..*
- 5.6 Std 473<sup>f</sup> - EM site survey to 10 GHz** **Joffe**  
*Status: Elya Joffe is WG Chair. Report needed.*
- 5.7 Std 475<sup>g</sup> - 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<sup>h</sup> - 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 1140<sup>i</sup> - 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.*  
**Note: Meeting to include discussion of other potential users of the techniques described in Std. 1140 in the frequency range covered by the standard.**  
**Note: Secretary to report on potential use of information in Std. 1140 in other standards work.**
- 5.10 Std 1302<sup>j</sup> - Characterization of conductive gaskets**  
**Catrysse**  
*Status: Submitted for ballot in March 2008. Ballot passed. Comments resolved. Submitted to RevCom.*
- 5.11 Std 1309<sup>k</sup> - 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.*

<sup>e</sup> IEEE 377 - IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters

<sup>f</sup> IEEE 473 - IEEE Practice for an Electromagnetic Site Survey (10kHz to 10 GHz)

<sup>g</sup> IEEE 475 - IEEE Standard Measurement Procedure for Field Disturbance Sensors, 300 MHz to 40 GHz

<sup>h</sup> IEEE 1128 - IEEE Recommended Practice for RF Absorber Evaluation in the Range of 30MHz to 5GHz

<sup>i</sup> 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

<sup>j</sup> IEEE 1302 – IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range DC to 18GHz

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

- 5.12 1309 Amd.** **Chen**  
*Status: WG Chair Mr. Zhong Chen just assumed WG chair. Report at meeting if present.*
- 5.13 P1560<sup>1</sup> - Measurement of RFI filtering capability** **Phipps**  
*Status: The standard expires at end of 2010. WG Chair Mr. Kermit Phipps reported that no change is needed for document. Can be submitted for reaffirmation at any time.*
- 5.14 P1597.1<sup>m</sup> - Validation of EM computer modeling** **Drozd**  
*Status: In ballot.*
- 5.15 P1597.2<sup>n</sup> - 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<sup>o</sup> Protecting public computers from intentional EMI**  
**Radasky**  
*Status: PAR for project extended to 2011. WG chair to report if present.*
- 5.17 P1688<sup>p</sup> - Module EMI testing** **Heather**  
*Status: Report from WG chair at meeting*
- 5.18 P1775<sup>q</sup> - BPL emissions testing/immunity testing and limits** **Hare**  
*Status: Hare to report at meeting.*
- 5.19 Summary discussion of progress on projects** **Chair**
- 6 Old Business** **Secretary**
- 6.1 Report on long-range planning - EMC-S**  
**Heirman**  
**Note: Looking to start standardization activity for the emerging technology (ET) technical committee of the EMCS. List of candidate technologies and volunteers needed.**
- 6.2 Report on long-range planning – SETCom (Qiubo Ye)**  
**Heirman/Ye**
- 6.3 Report on IEEE audit policy** **Sweeney**

**7 Review of Open Action Items**  
**Secretary**

<sup>1</sup> IEEE P1560 - Methods of Measurement of Radio Frequency Interference Filter Suppression Capability in the Range of 100 Hz to 40 GHz

<sup>m</sup> P1597.1 - Standard for Validation of Computational Electromagnetics (CEM) Computer Modeling and Simulation

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

<sup>o</sup> P1642 - Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

<sup>p</sup> P1688 – Standard for Module Electromagnetic Interference (EMI) Testing

<sup>q</sup> P1775 - Standard for Broadband Powerline Communication Equipment – Electromagnetic Compatibility (EMC) Requirements – Testing and Measurements Methods

**8 Upcoming meeting schedule**

**Secretary**

**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.*

**9 Adjournment**

**Secretary**