

**SDCom AGENDA**

**May 20, 2009**

**Embassy Suites Philadelphia Airport  
9000 Bartram Ave.  
Philadelphia, PA 19153  
Phone: 215-365-4500**

**Chairman: Andy Drozd, [andro1@aol.com](mailto:andro1@aol.com)  
Vice Chairman: Colin Brench, [colinbrench@yahoo.com](mailto:colinbrench@yahoo.com)  
Secretary: Ed Hare, [w1rfi@arrl.org](mailto:w1rfi@arrl.org)**

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| <b>1. Call to Order and introductions</b>   | <b>Chair</b>         |
| <b>2. Approval of Agenda</b>  | <b>Secretary</b>     |
| <b>3. Show IEEE patent slides</b>   | <b>Secretary</b>     |
| <b>4. Approval of draft minutes from past meeting</b>                               | <b>Secretary</b>     |
| <b>5. SDCom Administrative Support</b>  | <b>Secretary</b>     |
| <b>5.1. Brief overview of SDCom purpose and scope of SDCom</b>                      | <b>Chair</b>         |
| <b>5.2. Status of L-50 (filed 4/15/2009)</b>  | <b>Secretary</b>     |
| <b>5.3. SDCom budget (\$14k)</b>  | <b>Chair</b>         |
| <b>5.4. Annual vote affirming SDCom membership</b>                                  | <b>Secretary</b>     |
| <b>6. Status of Standards Maintained by SDCom</b>                                   | <b>Secretary</b>     |
| <b>6.1. Std 139<sup>a</sup> - In-situ measurement of ISM equipment</b>              | <b>Secretary</b>     |
| <b>6.2. Std 187<sup>b</sup> - Measurement of spurious from FM/TV receivers</b>      | <b>Secretary</b>     |
| <b>6.3. Std 299<sup>c</sup> - Measuring shielding effectiveness</b>                 | <b>Sarto</b>         |
| <b>6.4. P299.1<sup>d</sup> - Shielding effectiveness, dimensions 0.1-2m</b>         | <b>Sarto</b>         |
| <b>6.5. Std 377<sup>e</sup> - Spurious from land-mobile transmitters</b>            | <b>Secretary</b>     |
| <b>6.6. Std 473<sup>f</sup> - EM site survey to 10 GHz</b>                          | <b>Heirman/Joffe</b> |
| <b>6.7. Std 475<sup>g</sup> - Measurement of field disturbance sensors</b>          | <b>Secretary</b>     |
| <b>6.8. Std 1128<sup>h</sup> - RF absorber evaluation</b>                           | <b>Ford</b>          |
| <b>6.9. Std 1140<sup>i</sup> - Measuring emissions from video-display terminals</b> | <b>Secretary</b>     |

<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

<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

	<b>6.10. Std 1302<sup>j</sup> - Characterization of conductive gaskets</b>	<b>Secretary</b>
	<b>6.11. Std 1309<sup>k</sup> - Calibration of field sensors</b>	<b>Chen</b>
	<b>6.12. 1309 Amd<sup>l</sup></b>	<b>Chen</b>
	<b>6.13. P1560<sup>m</sup> - Measurement of RFI filtering capability</b>	<b>Phipps</b>
	<b>6.14. P1597.1<sup>n</sup> - Validation of EM computer modeling</b>	<b>Drozd</b>
	<b>6.15. P1597.2<sup>o</sup> - EM computer modeling applications</b>	<b>Drozd</b>
	<b>6.16. P1642<sup>p</sup> Protecting public computers from intentional EMI</b>	<b>Radasky</b>
	<b>6.17. P1688<sup>q</sup> - Module EMI testing</b>	<b>Heather</b>
	<b>6.18. P1775<sup>r</sup> - BPL emissions testing/immunity testing and limits</b>	<b>Hare</b>
7.	<b>Summary discussion of progress on projects</b>	<b>Chair</b>
8.	<b>Old business</b>	<b>Secretary</b>
	<b>8.1. Web page</b>	<b>Secretary/Pettit</b>
9.	<b>New business</b>	
	<b>9.1. Smart Grid activity within NIST – possible EMC-S involvement</b>	<b>Heirman</b>
10.	<b>Liaison reports and long-range planning</b>	
	<b>10.1. Audit Committee</b>	<b>Sweeney</b>
	<b>10.2. Policies and Procedures</b>	<b>Drozd</b>
	<b>10.3. Report on long-range planning - EMC-S</b>	<b>Heirman</b>
	<b>10.4. Report on C63 activities</b>	<b>Berger/Heirman</b>

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<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

<sup>l</sup> Amendment 1 to IEEE Standard Method for the Calibration of Electromagnetic Field Sensors and Field Probes, Excluding Antennas, from 9 kHz to 40GHz: Probe characteristics, use and measurement uncertainty: Probe Use

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

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

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

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

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

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

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|------------|---|---------------------|
|            | <b>10.5. Report on SETCom</b>   | <b>Secretary/Ye</b> |
|            | <b>10.6. Report on SACCom</b>   | <b>Heirman</b>      |
|            | <b>10.7. Report on SCC-41 / 1900 series</b>                             | <b>Berger</b>       |
| <b>11.</b> | <b>New business</b>   |                     |
|            | <b>11.1. EMC Symposium 2009 (WG meeting requests)</b>                   | <b>Secretary</b>    |
|            | <b>11.2. Joint standards activity with Canada Standards Association</b> | <b>Drozd</b>        |
| <b>12.</b> | <b>Review of Open Action Items</b>                                      | <b>Secretary</b>    |
| <b>13.</b> | <b>Selection of telecom date and time</b>                               | <b>Secretary</b>    |
| <b>14.</b> | <b>Adjournment</b>  | <b>Secretary</b>    |
| <b>15.</b> | <b>Announcement of upcoming meeting schedules (tentative)</b>           | <b>Secretary</b>    |

*Note: Future meeting dates are subject to future change, so they should be used for general information only. These dates should not be used to finalize travel. At the Symposium, SDCCom meetings traditionally held Monday and Wednesday AM. Subject to change. At other venues, SDCCom meetings traditionally held late morning, through lunch, and into early afternoon. Subject to change.*