

SDCom Agenda, March 13, 2008

SDCom AGENDA
Greenville, SC
The Westin Poinsett
120 South Main Street
Greenville, SC 29601
Phone: 864-421-9700
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 | Berger |
| 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 | Secretary |
| 4.2 Policies and Procedures | Hare |
| <i>Status: WG formed, no activity.</i> | |
| 5 Status of Maintenance Stds | Secretary |
| 5.1Std 139^a - In-situ measurement of ISM equipment | Secretary |
| <i>Status: Begin revision for 5-year review 8/2009. No action required.</i> | |
| 5.2Std 187^b - Measurement of spurious from FM/TV receivers | Secretary |
| <i>Status: Comment resolution</i> | |
| 5.3Std 299^c - Measuring shielding effectiveness | Secretary |
| <i>Status: Begin revision for 5-year review 8/2009. No action required.</i> | |
| 5.4P299.1^d - Shielding effectiveness, dimensions 0.1-2m | Sarto |
| <i>Status: Work in progress</i> | |
| 5.5Std 377^e - Spurious from land-mobile transmitters | Berger |
| <i>Status: Reaffirmation ballot ended 5 December 2007.</i> | |
| 5.6Std 473^f - EM site survey to 10 GHz | Araflis |
| <i>Status: Need SDCom discussion</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

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

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- 5.7Std 475^g - Measurement of field disturbance sensors** Secretary
Status: Begin revision for 5-year review 8/2009. No action needed.
- 5.8Std 1128^h - RF absorber evaluation** Secretary
Status: Begin revision for 5-year review 8/2009. No action needed.
- 5.9Std 1140ⁱ - Measuring emissions from video-display terminals** Secretary
Status: Begin revision for 5-year review 8/2009. No action needed.
- 5.10 Std 1302^j - Characterization of conductive gaskets** Catrysse
Status: Approved as ready for ballot.
- 5.11 Std 1309^k - Calibration of field sensors** Chen
Status: Chen just assumed WG chair. Report at meeting.
AI: Secretary to prepare and submit revised PAR, showing change of chair.
- 5.12 1309 Amd.** Chen
Status: WG Chair Chen just assumed WG chair. Report at meeting
- 5.13 P1560^l - Measurement of RFI filtering capability** Phipps
Status: 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.
- 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: Request to extend PAR considered at NESCom meeting. Secretary to report results.

^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

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

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- 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.
- 5.17 P1688^Q - Module EMI testing** **Heather**
Status: Report from WG chair at meeting
- 5.18 P1775^R - BPL emissions testing/immunity testing and limits** **Hare**
Status: Was put to ready-for-ballot vote, but vote was negative and was sent back to P1775 working group to resolve comments and rebuttal. Report will be given by Secretary at meeting.r.
- 5.19 Summary discussion of progress on projects** **Berger**
- 6 Old Business** **Berger**
- 7 New Business** **Berger**
- 7.1 Election of officers, per bylaws^S** **Secretary**
Two year cycle
Steve Berger longer than two years – Chair needs election
Ed Hare made Secretary August 2006
Colin Brench made Vice Chair by email vote September 2006
- 7.2 SDCom meetings and WG meetings in Detroit - logistics and paperwork** **Secretary**
- 8 Open Action Items** **Secretary**
- Upcoming meeting schedule** **Secretary**
May 29, 2008 Salt Lake City 9 AM-5 PM
August 18 and 20, 2008 Detroit @ EMC 2008 times tbd
November 19, 2008 Long Beach 9 AM-5 PM
- 9 Adjournment** **Secretary**

^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.