

IEEE EMC Society Standards Development Committee (SDCom) Agenda

August 17, 2009 – 8 AM - 10:45 AM

August 19, 2009 – 7 AM – 8:30 AM

Austin Convention Center

500 East Cesar Chavez Street

Austin, TX 78701

Ph: 512-404-4000

Chairman: Andy Drozd, andro1@aol.com

Vice Chairman: Colin Brench, colin.brench@ieee.org

Secretary: Ed Hare, w1rff@arrl.org

- | | | |
|-------|--|---------------|
| 1. | Call to Order and introductions | Chair |
| 2. | Approval of Agenda | Secretary |
| 3. | Show IEEE patent slides | Secretary |
| 4. | Approval of draft minutes from past meeting | Secretary |
| 5. | SDCom Administrative Support | Secretary |
| 5.1. | Overview of SDCom purpose and scope of SDCom | Chair |
| 6. | Status of Standards Maintained by SDCom | Secretary |
| 6.1. | Std 139 ^a - In-situ measurement of ISM equipment | Secretary |
| 6.2. | Std 187 ^b - Measurement of spurious from FM/TV receivers | Secretary |
| 6.3. | Std 299 ^c - Measuring shielding effectiveness | Secretary |
| 6.4. | P299.1 ^d - Shielding effectiveness, dimensions 0.1-2m | Sarto/Phipps |
| 6.5. | Std 377 ^e - Spurious from land-mobile transmitters | Secretary |
| 6.6. | Std 473 ^f - EM site survey to 10 GHz | Heirman/Joffe |
| 6.7. | Std 475 ^g - Measurement of field disturbance sensors | Secretary |
| 6.8. | Std 1128 ^h - RF absorber evaluation | Secretary |
| 6.9. | Std 1140 ⁱ - Measuring emissions from video-display terminals | Secretary |
| 6.10. | Std 1302 ^j - Characterization of conductive gaskets | Secretary |

^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

^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

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

^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 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

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

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

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

^p P1642 - Recommended Practice for Protecting Public Accessible Computer 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

- | | |
|---|------------------|
| 10.7. Joint standards activity with Canada Standards Association | Drozd |
| 10.8. Report on SCC-41/1900 series | Berger |
| 11. New business | |
| 12. Review of Open Action Items | Secretary |
| 13. Selection of telecom date and time | Secretary |
| 14. Adjournment | Secretary |
| 15. Announcement of upcoming meeting schedules (tentative) | Secretary |

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, SDCOM meetings traditionally held Monday and Wednesday AM. Subject to change. At other venues, SDCOM meetings traditionally held late morning, through lunch, and into early afternoon. Subject to change.