

SDCom Approved Agenda, July 29, 2008 Teleconference

SDCom Approved AGENDA Teleconference meeting July 27, 2008 Start 11:30 AM EDT

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

Note: Several SDCom members have indicated that their ability to participate in the teleconference call will be limited, so the order of business will be adjusted on the fly to accommodate their participation.

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|----------|-------------------------------------------------------------------------------|------------------|
| 1 | Call to Order | Chair |
| 2 | Introductions and Approval of Agenda | Secretary |
| 3 | SDCom Administrative Support | Secretary |
| | 4.1 Web page, in preparation for Symposium | Pettit |
| 4 | Status of Standards | Secretary |
| | 4.1 Std 139^a - In-situ measurement of ISM equipment | Secretary |
| | <i>Status: Begin revision for 5-year review 8/2009. No action required.</i> | |
| | 4.2 Std 187^b - Measurement of spurious from FM/TV receivers | Secretary |
| | <i>Status: Reaffirmation comments resolved. Pending publication.</i> | |
| | 4.3 Std 299^c - Measuring shielding effectiveness | Sarto |
| | <i>Status: Begin revision for 5-year review 8/2009. No action required.</i> | |
| | 4.4 P299.1^d - Shielding effectiveness, dimensions 0.1-2m | Sarto |
| | <i>Status: Work in progress. Report needed from WG Chair</i> | |
| | 4.5 Std 377^e - Spurious from land-mobile transmitters | Secretary |
| | <i>Status: Reaffirmation comments resolved. Awaiting publication.</i> | |
| | <i>AI: Secretary to submit to RevCom</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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- 4.6 Std 473^f - EM site survey to 10 GHz** **Joffe**
Status: Joffe is again WG Chair. Report needed.
AI: PAR expired, new PAR needed, 3 years to ballot.
Note: PAR had questions about scope, purpose, stakeholders, etc. Best done by WG Chair?
- 4.7 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.
- 4.8 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.
- 4.9 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.
AI: Hare was to report back on usefulness of the standard for other uses. Not done.
- 4.10 Std 1302^j - Characterization of conductive gaskets** **Catrysse**
Status: Submitted for ballot in March 2008. Ballot passed.
AI: Comments resolved, Secretary to submit to RevCom.
- 4.11 Std 1309^k - Calibration of field sensors** **Chen**
Status: Chen just assumed WG chair. Report needed.
1309 Amd. **Chen**
Status: WG Chair Chen just assumed WG chair. Report needed.
- 4.12 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.
- 4.13 P1597.1^m - Validation of EM computer modeling** **Drozd**
Status: In ballot!
- 4.14 P1597.2ⁿ - EM computer modeling applications** **Drozd**
Status: Report needed from WG Chair.

^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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- 4.15 P1642^o Protecting public computers from intentional EMI** Radasky
Status: PAR for project extended to 2011. Report needed from WG Chair.
- 4.16 P1688^p - Module EMI testing** Heather
Status: Report needed from WG Chair.
- 4.17 P1775^q - BPL emissions testing/immunity testing and limits** Hare
Status: Hare to report at meeting.
- 4.18 Summary discussion of progress on projects** Chair
- 5 Old Business** Secretary
5.1 Symposium Heirman
5.2 Discussion on election of officers, per bylaws^r Heirman
- 6 Review of Open Action Items**
Secretary
- 7 Adjournment** Secretary

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 P1688 – Standard for Module Electromagnetic Interference (EMI) Testing

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

^r 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.