

Feb 19, 2004 MINUTES
SDCOM Meeting
Marriott Mountain Shadows Resort – Scottsdale AZ

Attendees:

Stephen Berger
Donald Heirman
Donald Sweeney
Elya Joffe
Kimball Williams
Andy Drozd
Nigel Carter
David Staggs
Dave Traver
Fred Heather- visitor

Not Attending:

Edwin Bronaugh
John Kraemer
Perry Wilson
Risaburo Sato
Ralph Showers
Dan Hoolihan
Werner Schaefer

Agenda:

1. Call to Order

Stephen Berger welcomed the attendees. With 9 members attending of 16 active SDCOM members for 2004, there was a Quorum.

2. Introduction

Attendees introduced themselves.

3. Review an Approval of Agenda

The agenda as presented was accepted.

4. Review of SDCOM current membership

4.1. Welcome to new members :Nigel Carter, David Staggs, and Werner Schaefer

There was a discussion on the current membership. There are currently 16 members of the SDCOM. All members responded to their active 2004 membership with the exception of Dr. Sato (no response to email).

Action Item: Donald Heirman – get IEEE Standards Association Rules on ability to require attendance and membership to stay in a balloting group.

5. Review and Election of Officers

There was a discussion of the need for a Secretary that is active and willing to take on the work. Andy Drozd indicated that he would like to contribute as secretary, but was unable to commit at this time. David Traver indicated that he could commit to the secretary position, but would need to receive some financial aid to attend the meetings. Donald Sweeney nominated David Traver for Secretary and Elya Joffe for Vice-Chair. David Traver nominated Stephen Berger for Chair. The motion was seconded. Each nominee gave a brief statement on their vision for the SDCOM. Developing a core identity, fundamental changes in standards, developing an active and viable SDCOM, etc were discussed. A vote was taken and the following slate of SDCOM officers were elected for the 2004 to 2006 period:

Chair – Stephen Berger
Vice Chair – Elya Joffe
Secretary – David Traver

A suggestion was made to set aside some time to update the strategic vision (or identity) of the SDCOM for the near future. Possibly May 10 in Piscataway was suggested. An agenda item should be added to the May meeting to discuss SDCOM strategy.

Action item: Stephen Berger; add item to May SDCOM agenda.

6. Standards of PAR's Requiring Action

6.1. Standard 187 – IEC dual logo

Emissions from TV and FM receivers. David Traver indicated that he was working with Jodie Haaz, Donald Messina and Sheree Van Vreede on the publication of 187. The second final publication draft is being completed and actual publication should be in May of 2004. David is also working with Jodie to get the document approved as a dual logo standard (IEC). David explained that he is co-convenor of CISPR I WG2 (multimedia emissions) that is updating CISPR 13 & 20. He felt that the updated 187 had better and updated definitions for setups that can be adapted to the CISPR works.

Action item: David Traver contact Martin Wright and Kenji Okazaki to get and understanding of CISPR I position on dual logo acceptance and report to Jodie Haaz and SDCOM.

6.2. 377 – reaffirm or withdraw

Measurement of Spurious Emissions from Land-Mobile Communication Transmitters. This is withdrawn by IEEE and no further action is needed.

6.3. 1128 – reaffirmation ballot

Measurement of RF Absorbing Materials. David Traver has indicated the “ball is in the IEEE court”. David completed the on-line application for the renewal of the standard. He will follow up on the re-affirmation ballot with Bill Ash of IEEE.

6.4. 376 – revival of withdrawn standard

Measurement of Impulse Strength and Impulse Bandwidth. Ed Bronaugh and Werner Schaefer have a copy of the existing standard provided by the Chair and will comment on the update. The standard is technically withdrawn as of the Dec. 2003 re-affirmation deadline, but the IEEE is holding the 376 number for the new work.

Action item: Ed Bronaugh and Werner Schaefer to develop a new PAR will have to be submitted for the new or updated work.

7. Status of Standards and PAR's

STD 299

Effectiveness of Shielding Enclosures – work is ongoing by Dale Svetanoff – Dec 2004 due date according to IEEE. No WG report was received.

STD 473

EM site survey. Elya Joffe reported on the ongoing activity. Drafts are being circulated according to IEEE rules. The main outline is completed and work on the individual sections is ongoing. The new standard IEEE template is being used. Elya indicated he would like to have a WG website, but does not have the software and resources. A WG meeting is scheduled for May 12th, 2004 in Piscataway and also at the Santa Clara Symposia.

P1560

Methods of Measurement of RFI Filter Suppression Capability in the range of 100Hz to 40GHz. A WG verbal report was received from the WG Chair Kermit Phipps by the chair. In August of 2003, Jodie Haaz sent confirmation that the PAR has extended to Dec. 31, 2005.

P1597

Standard for validation of CEM Computer Modeling and Simulation. Andy Drozd reported on the activity. There is a core of 6 to 8 members actually doing the standard text development. There is a meeting scheduled in March at IBM and with ACES in Syracuse. There should be a review of the draft standard in a few months and hopefully published on the IEEE website.

STD 1302

Guide for the Characterization of EMI Gaskets. Ongoing under Johan Catrysse. No WG report received.

STD 1309

Calibration of EM Field Sensors and Field Probes – Stephen Berger reported that the FCC was requesting that some additional work was done that supported their work on RF

Hazards. Impulse measurements need to be addressed. The work needs coordination with several defense and related agencies.

Action item: Stephen Berger to contact John Kraemer, Nigel and Elya and coordinate the future work.

SG Reports or Presentations:

GTEM Validations & Use – Stephen Berger reported that there was a need to bring technical expertise together to use GTEM above a GHz.

Wireless Performance Prediction – Stephen Berger reported that he met with 802.11 twice. His concern on 802.11 making the work a exclusive to 802.11 membership was stated. Also, the 802.11 restriction to only 802.11 wireless standards does not address the general technology need for performance standard. Weekly conference calls are occurring and there may be two groups and projects developed in the future (802.11 specific and other general wireless performance).

8. Old Business

8.1. Revcom 5 yr cycle list (EMC Standards reaching 5 year mark)

213 – 1987 – Officially dropped by IEEE.

9. New Business

9.1. Review of 2004 & preliminary 2005 budget

Donald Heirman indicated that the budget is being reduced from a \$17k to \$12K on an annual basis. Things are “tight” from a budget perspective with strict control. The 2005 budget is due by May 1 and Don is requesting input before then. Don is concerned about any contingency, e.g., sponsoring guest speaker activity at the symposia not being budgeted. There is a suggestion that SDCOM goes to a “wireless” meeting in Piscataway. There may be a 2005 budget impact to get the hardware and software to get us to the “wireless” generation. There is also some potential to send an SDCOM representative to promote SDCOM activity to relevant agencies (potential travel expense).

9.2. Interference Temperature

Stephen Berger reported on the FCC Spectrum Management Task Force. The FCC has proposed utilizing Interference Temperature methodology for a specific limited bandwidth/spectrum. This is a new way for the FCC to manage spectrum that industry typically does not accept.

Action Item: arrange a teleconference to discuss the issue. Tentative March 2, at 11am EST. A PAR has been submitted to the SDCOM for ballot and a strategy for SDCOM contribution to this area is proposed for discussion.

9.3. Email reflector for SDCOM: stds-emc@ieee.org

10. Review and Action Items – this item was suggested to be completed electronically before the next meeting.

11. Next Meeting – May 10, 2004 Piscataway.

12. Adjourn

Summary of Action Items

#	Item	Status
1	Action Item: Donald Heirman – get IEEE Standards Association Rules on ability to require attendance and membership to stay in a balloting group.	Complete 5/10/04
2	Action item: Stephen Berger; add SDCOM identity item to May SDCOM agenda.	Complete 5/10/04
3	Action item: David Traver contact Martin Wright and Kenji Okazaki to get and understanding of CISPR I position on dual logo acceptance and report to Jodie Haaz and SDCOM.	Open
4	Action item: Ed Bronaugh and Werner Schaefer to develop a new PAR will have to be submitted for the new or updated work.	Complete
5	Action item: Stephen Berger to contact John Kraemer, Nigel and Elya and coordinate the future work.	Complete
6	Action Item: arrange a teleconference to discuss the issue. Tentative March 2, at 11am EST. A PAR has been submitted to the SDCOM for ballot and a strategy for SDCOM contribution to this area is proposed for discussion.	Complete