

Approved Minutes
IEEE-EMCS Standards Development Committee
March 13, 2008
Greenville, SC

1. Meeting called to order by Vice Chairman Colin Brench at 9:00 AM.

Attendance:

	Present
Committee Members	3/13/2008
1. Stephen Berger, Chair	Y
2. Colin Brench, Vice Chair	Y
3. Ed Hare, Secretary	Y
4. Andrew Drozd	Y
5. Dick Ford	Y
6. Fred Heather	Y
7. Donald Heirman	Y
8. Daniel Hoolihan	Y
9. Ghery Pettit	Y
10. Prof Risaburo Sato	N
11. Werner Schaefer	N
12. Ralph Showers	N
13. Kwok Soohoo	N
14. David Staggs	Y
15. Donald Sweeney	Y
16. Kimball Williams	Y
17. Perry F. Wilson	N
Other Attendees	
1. Henry Benitez	Y
2. Bruce Archambeault	Y
3. Takeo Yoshino	Y

2. On a motion by Mr. Hare, the draft agenda for the meeting was approved.
3. On a motion by Mr. Hare, the minutes from the previous meeting were approved.
4. Mr. Hare initiated a discussion about the SDCom web page. Natalie Hart will continue to serve as webmaster. Mr. Pettit agreed to serve as the SDCom liaison to the webmaster and was so appointed by the Chair. The consensus of the discussion was that SDCom needs to get its web page up to date and to upload files, such as approved minutes and agendas for upcoming meetings, in a timely fashion.
New action item: Mr. Pettit is to determine what is needed to bring the web page up to date and to request the Secretary to provide any needed copies of old minutes and similar documents.
New action item: All SDCom members to look at the SDCom web page and offer input to Mr. Pettit on what is needed to bring it up to date.
5. At 11:00 AM, Mr. Berger joined the meeting and assumed the Chair.

Approved Minutes
IEEE-EMCS Standards Development Committee
March 13, 2008
Greenville, SC

6. The committee discussed ways to control the costs of meetings. It was determined that multiple people were working on the issue for the 2008 Symposium. It was agreed that for 2008, April Coles (IEEE) was to be the principle contact for SDCom and WG meeting requirements.
7. The meeting was adjourned at 12:00 PM for lunch.
8. At 1:00 PM, Mr. Berger called the meeting back to order. Reports were received on the status of the project for which SDCom maintains responsibility.
9. Std. 139¹: A status report was given by the Secretary. There is no active Working Group (WG) for this standard. The standard expires in 2011. SDCom will begin reevaluation for 5-year review in August, 2009. There was a discussion about how this could become an IEC/IEEE dual standard, but no specific action was outlined or taken.
10. Std. 187²: A status report was given by the Secretary. There is no active WG for this standard. The Secretary resolved comments through the IEEE website by indicating that that in a reaffirmation ballot, it is not possible to change the standard and inviting the commenter to participate in the next revision cycle of the standard.
11. Std. 299³: A status report was given by the Secretary. Ms. Sarto chairs the WG that has responsibility for this standard. The standard expires in 2011. SDCom will begin reevaluation for 5-year review in August, 2009.
12. P299.1⁴: No report was given on P299.1 a detailed report will be expected by the August 2008 meeting.
13. Std. 377⁵: A status report was given by the Secretary. The reaffirmation ballot for Std. 377 is complete. Comments were resolved by the Secretary in March 2008.
14. Std. 473⁶: A status report was given by the Secretary. <First name> Vilitas is the new WG Chair. A status report needs to be obtained from the WG Chair. The previous PAR has expired.
New action item: Mr. Brench is to obtain a status report from the Std. 473 WG Chair Vilitas within 6 weeks from the meeting. (An email address is needed.)
New action item: After Mr. Brench contacts the Std. 473 WG Chair, the Secretary is to submit a new PAR.

¹ IEEE 139 – IEEE Recommended Practice for the Measurement of Radio Frequency Emissions from Industrial, Scientific and Medical (ISM) Equipment Installed on User’s Premises.

² IEEE 187 - IEEE Standard on Radio Receivers: Open Field Method of Measurement of Spurious Radiation from FM and Television Broadcast Receivers

³ IEEE 299 – IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures

⁴ P299.1 - Standard method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having Dimensions Between 0.1 m and 2 m.

⁵ IEEE 377 – IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters

⁶ IEEE 473 - IEEE Practice for an Electromagnetic Site Survey (10kHz to 10 GHz)

Approved Minutes
IEEE-EMCS Standards Development Committee
March 13, 2008
Greenville, SC

- 15.** Std. 475⁷: A report was given by the Secretary. There is no active WG for this standard. The standard expires in 2011.
Note: In the Fall 2007 meeting, Mr. Heirman had pointed out that there is significant interest in extending the frequency range below 300 MHz. It will be necessary to identify stakeholders and form a Working Group. SDCCom will informally begin that process immediately, but in any event, SDCCom will begin reevaluation for 5-year review for Std. 475 in August, 2008.
- 16.** Std. 1128⁸: A status report was given by the Secretary. There is no active WG for this standard. The standard expires in 2011. At the Fall 2007 meeting, several SDCCom members observed that the frequency range of 5 GHz is rather archaic. It was the general consensus of SDCCom that the standard should be revised instead of reaffirmed. It will be necessary to identify stakeholders and form a Working Group. SDCCom will informally begin that process immediately, but in any event, SDCCom will begin reevaluation for 5-year review for Std. 475 in August, 2008.
- 17.** Std. 1140⁹: A status report was given by the Secretary. There is no active WG for this standard. The standard expires in 2011. SDCCom will begin reevaluation for 5-year review in August, 2009. At the fall 2007 meeting, in the discussion about this standard, the consensus of SDCCom members was that the standard should be allowed to be retired in 2011. No formal motion and vote was taken on this consensus.
- 18.** P1302¹⁰: The Secretary reported that this standard was submitted for ballot in March 2008.
- 19.** Std. 1309 amd -- (Chen) Mr. Chen is the new WG chair. He is in the process of organizing the WG and establishing a Category D liaison with the IEC SD77B.
New action item: Mr. Berger to ask Mr. Chen for a report on the status and schedule for the completion of Std. 1309.
- 20.** Mr. Heirman made a motion that SDCCom set up a Category D liaison between SDCCom and the Std. 1309 WG and TC-77B. The motion carried unanimously.
New action item: Mr. Berger, Mr. Heirman and the Secretary are to take the steps necessary to find a liaison between SDCCom and TC-77B and to obtain and fill out the needed forms.
- 21.** Std. 1560: A status report was given by the Secretary. The standard expires in 2010. It is expected that the standard can be reaffirmed in its present form at that time.
- 22.** P1597.1¹¹: An oral report was given by the WG Chair, Andy Drozd. The balloting pool has been formed. The files were submitted for ballot by the Secretary in March 2008.

⁷ IEEE 475 - Measurement Procedure for Field-Disturbance Sensors, 300 MHz to 40 GHz

⁸ IEEE Recommended Practice for RF Absorber Evaluation in the Range of 30MHz to 5GHz

⁹ IEEE 1140 - Test Procedures for the Measurement of Electric and Magnetic Fields from Video Display Terminals (VDTs) from 5 Hz to 400 kHz

¹⁰ IEEE 1302 - Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 18GHz

Approved Minutes
IEEE-EMCS Standards Development Committee
March 13, 2008
Greenville, SC

There were minor problems with the files, but Mr. Drozd indicates that the problems can be resolved within one week.

New action item: Mr. Drozd is to submit corrected files to the Secretary within one week.

- 23.** P1597.2¹²: An oral report was given by the WG Chair, Andy Drozd. The balloting pool has been formed. The files were submitted for ballot by the Secretary in March 2008. There were minor problems with the files, but Mr. Drozd indicates that the problems can be resolved within one week.

New action item: Mr. Drozd is to submit corrected files to the Secretary within one week.

- 24.** P1642¹³: A status report was given by the Secretary. The PAR for this project was extended to 2011. At last report, Mr. Radasky, the WG Chair, reports that the draft is 50% complete. Expected to be 70% complete 4/1/2008 and 90% by 12/31/2008.

New action item: Mr. Brench is to contact Mr. Radasky to obtain a report on the status of P1642.

- 25.** P1688¹⁴: An oral report by the WG Chair, Fred Heather, was given. He reported that the WG met two weeks prior to the SDCom meeting, with action items assigned. The WG goal is to complete the draft by Summer 2008.

- 26.** P1775¹⁵: This standard is sponsored by PES, with EMCS and ComSoc as cosponsors. The WG is chaired by Aron Viner. An oral report on the state of this standard was given by Mr. Hare. The standard is back in the WG for additional revision subsequent to a failed vote the representatives from each of the sponsoring societies. It is expected that the revisions to the draft will be complete by Summer 2008. P1775 was to meet the week following the SDCom meeting. There was a discussion about the lack of activity of the EMCS-approved Vice Chair, but no action was taken at this time.

New action item: Mr. Hare to circulate a draft of P1775 to SDCom.

- 27.** P1900 series¹⁶: The 1900 series of standards are being transitioned to SCC-41. This process will be complete when ODCom approved the SCC-41 Policies and Procedures. An oral report of the progress toward this change and on the status of the P1900 series of standards was given by the SCC-41 Chair, Steve Berger. Mr. Berger reported that he had resigned as Chair of 1900.3. The new chair is Joanna Guenin.

- 28.** Mr. Sweeney gave an oral report on a presentation by Scott Mee for Johnson Controls Automotive. Johnson is required to do component testing. Devices pass, but can still cause interference in cars. It was determined that the info may be of some interest to the P1688 WG.

¹¹ IEEE P1597.1 - IEEE Standard for Validation of Computational Electromagnetics (CEM) Computer Modeling and Simulation

¹² IEEE P1597.2 - IEEE Recommended Practice for Computational Electromagnetics (CEM) Computer Modeling and Simulation Applications

¹³ IEEE 1642 - Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI

¹⁴ IEEE P1688 - Standard for Module Electromagnetic Interference (EMI) Testing

¹⁵ IEEE standard on measurement methods for BPL emissions and limits and test methods for BPL immunity

¹⁶ Dynamic allocation and access to spectrum standards.

Approved Minutes
IEEE-EMCS Standards Development Committee
March 13, 2008
Greenville, SC

- 29.** Mr. Ford led a discussion about the use of Radar Absorbing Materials (RAM) to solve EMC problems.

New action item: The Secretary is to add the topic of radar-absorbing materials to the agenda for the next meeting.

- 30.** Mr. Berger led a discussion about voting machine EMC, indicating that the Election Assistance Committee had a strong interest in obtaining input. A motion by Mr. Sweeney to form a TG to look at the document and offer comments passed. Mr. Staggs volunteered to try to form the TG.

New action item: The Secretary is to add this topic of voting-machine EMC to the agenda for the next meeting.

- 31.** Mr. Heirman led a general discussion about the budget for 2008 and how SDCCom can make use of new IEEE initiatives.

- 32.** Mr. Heirman led a discussion about the SDCCom web page. The suggestions that came out of that discussion were passed on to Mr. Pettit.

- 33.** Future meeting dates

Secretary's note: The following meeting dates are as were discussed in the meeting. However, they are not final until announced by the SDCCom Secretary as the schedules are firmed up for the EMC-S Board of Directors meeting. Other than at the Symposium, SDCCom will meet the day before the EMC-S Board of Directors meeting. The dates in these minutes are subject to change so they should not be used for travel planning that cannot be easily changed.

May 30, 2008	Salt Lake City, UT
August 18 and 20, 2008	Detroit, MI
November 19, 2008	Long Beach, CA

- 34.** The meeting was adjourned by the Chair at 5:00 PM.