

**IEEE ELECTROMAGNETIC COMPATIBILITY SOCIETY
TECHNICAL COMMITTEE 4, EMI CONTROL TECHNOLOGY**

Please Reply to:
Philip Keebler
EPRI-PEAC
942 Corridor Park Boulevard
Knoxville, TN 37932
Tel: (865) 218-8000
Fax: (865) 218-8001
Email: PKeebler@EPRI.com

**IEEE EMC INTERNATIONAL SYMPOSIUM
EMI CONTROL TECHNICAL COMMITTEE – TC-4
ANNUAL MEETING – July 11th, 2007
Honolulu, Hawaii**

12.00pm to 1.30pm

AGENDA

1.	Welcome & Introductions (Chair)	10 minutes
2.	Approval of 2006 Annual Meeting Minutes	10 minutes
3.	Review of paper reviews over past year	10 minutes
4.	Officer Election	10 minutes
5.	TC4 Plans for Year 2007 Current Activities	5 minutes
6.	Report on Shielding Effectiveness Working Group	10 minutes
7.	Shielding Artifact	5 minutes
8.	Five Year Plan	15 minutes
9.	Other Topics/Issues	5 minutes
10.	Close & selection of venue / time of next meeting	10 minutes

MINUTES –Tuesday 11 July, 2007
IEEE EMCS EMI CONTROL TECHNICAL COMMITTEE – TC-4

12:00 p.m. to 1:30 p.m.

0.0 Call to Order & Introductions -

The Chair, Bob Scully, opened the TC4 meeting at 12:00 p.m. There were 20 attendees with 16 members present.

1.0 Approval of Agenda

The day's agenda was presented by the Chairman and was approved by vote with no changes.

2.0 Approval of 2006 Annual Meeting Minutes

The Chair, Bob Scully, reviewed the 2006 Annual Meeting Minutes. The Meeting Minutes were approved by vote with no changes.

Copies of the final minutes were to be distributed to all members, by email, within ninety days. (The secretary apologizes for the long delay)

3.0 TECHNICAL PAPERS REVIEW

There was an open discussion about the grammatical quality of submitted papers.

Bud Hoefft – many papers, written by authors for whom English was a second language, contained poor word usage that was difficult to follow. Papers such as these were not suitable for audience presentation. Time should be allowed for language rectification.

Elya Joffe – said that this was a Board of Directors problem. Other TC's had complained of the need to control language clarity and the need for a standard.

Richard Mohr – had found English errors but generally understood the author's intent. Direct transfer of uncorrected papers to cdrom could reflect badly on the IEEE.

Bob Scully – showed EMC2007 Symposium paper status . Many had been rejected because of language problems, even after author correction.

Elya Joffe – said that Eastern European and South-east Asian authors had shown the most problems.

Kwok Soohoo – said that if authors cannot express their thoughts clearly, on paper, they should be rejected.

George Kunkel – said that at JPL there was a professional editor. He wondered whether local universities could help.

Richard Briet - suggested that the IEEE should have a paper format to ease expression and review.

Bob Scully – showed the IEEE approach; an electronic, pre-formatted document.

Kwok Soohoo – suggested a tutorial for difficult languages.

Bob Scully – wound up the discussion by saying that there is an enormous amount of work involved in the review process. Those who cannot or will not present papers written in acceptable and understandable English will be rejected

4.0 Elections of Officers

The Chair, Bob Scully, called for nominations for officer positions. He emphasized that it is important for the officers of the Technical Committee to be present at the meetings if possible, particular the Chair and Vice Chair.

The following members were elected for two year terms by acclamation,

Chairman, Kermit Phipps
Vice-Chairman, John Archer
Secretary, Philip Keebler

5.0 TC4 2007 plans

This area was not discussed.

6.0 Shielding Effectiveness.

George Kunkel gave a brief history of his project concerning RF attenuation by thin metallic films, aimed at providing design information and guidance to working engineers. He would lead a session on Shielding Theory and Practice in Room 325A at 7am the next day. Apparently Clayton Paul refuses to back George's ideas but concurs with the results of measurements made at Spira Mfg. and that the results do not seem to agree with current ideas.

George was unhappy that no-one had tried to reproduce his work and felt limited by what he could accomplish single-handedly.

John Archer said that he was retired, had no laboratory facilities, but would travel to help anyone who needed help in checking George's results in their facility.

Jim Taylor talked about a NIST test that he used for the effectiveness of shielding for material that had low ohms/square properties. He felt that the problem needed to be defined clearly – thick versus thin barriers – not addressed by current theory.

Richard Mohr said that he would address these theory issues during George's meeting tomorrow.

7.0 Shielding Artifacts.

Bud Hoeft did not want to close this item and would provide information to Bob Scully.

8.0 Five Year Plan

The TC1 five year plan was shown for adoption and will be distributed for comments.

9.0 Other topics or issues

There was no discussion. **Close and Selection of Venue/Time of Next Meeting**

Chair, Bob Scully requested input for the next meeting time. The Members agreed that the next annual meeting would be held in Detroit, Michigan at the EMC 2008 Symposium. The Meeting would be held on Tuesday from 12:00 - 2:00 p.m.

The Chair, Bob Scully, closed the meeting at 1:33 p.m.

Submitted,

John R Archer

John R Archer -Secretary
EMC Society
TC4 Group