

**IEEE EMC INTERNATIONAL SYMPOSIUM  
EMI CONTROL TECHNICAL COMMITTEE – TC-4  
ANNUAL MEETING – AUGUST 16, 2006**

**12.00pm to 1.30pm**

**AGENDA**

1.	Welcome & Introductions (Chair)	10 minutes
2.	Approval of 2005 Annual Meeting Minutes	10 minutes
3.	Review of paper reviews over past year	10 minutes
4.	TC4 Plans for Year 2006	5 minutes
5.	TC4 Plans for Year 2007	10 minutes
6.	Other Topics/Issues	15 minutes
7.	Close & selection of venue / time of next meeting	15 minutes

## Members Present

Bob Scully  
Kermit Phipps  
John Archer  
Diane Kempf  
Todd Hubing  
Buzz Brezinski

Dan Modi  
Mark Stanton  
Richard Mohr  
George Kunkel  
David Larrabee

Lothar Hoeft  
Kwok Soohoo  
Vil Arafiles  
Mike McInerney  
William Croisant

## Visitors

Won Kim  
Dan Turner  
Robert Nelson  
Xiaopeng Dong  
David Brumbaugh

David Novotny  
Jim Lukash  
Jin Shi  
Frank Chang  
Sergiu Radu

William Bush  
Michael Hatfield  
Haixiao Weng  
Kuifeng Hu

## Call to Order and introductions

The session started at 12.30pm due to computer overhead problems. We now know that the display projectors function at a resolution of 800x600.

Chairman Bob Scully opened the meeting and all present gave their name and affiliation.

There were 14 members present and 16 visitors.

The TC4 Charter was displayed.

A recording microphone was in place this year as a supplement to note taking.

The minutes of the 2005 meeting were read and the Chair requested member reviews with comments be submitted, on-line, within 90 days. The Chair asked who had seen the minutes of the 2004 and 2005 meetings. Apparently no-one had and the Chair stated that the current minutes would be in place within 30 days

## Review of past paper reviews

Forty seven papers were reviewed this year by nine reviewers. Papers for Hawaii have a December 15 review deadline.

## TC4 Plans for 2006

Kermit Phipps spoke about coming sponsored P1560 filter demonstrations, Focusing upon measurement methods and details of tests made on installed systems. Tests at EPRI on some installations had revealed systems gains in the stop band! They use RF injection on the load side and measure true attenuation loss up to 1MHz. Various test standards and the use of current or voltage measurements were discussed. Kermit said that they had compared their data with that of another team that used voltage measurements and the results were in agreement.

There was much floor discussion with others present who had similar test experience.

## TC4 Plans for 2007

Hawaii demos need to be activated.

George Kunkel will give a talk and demonstration and promised a memo to the officers. Further work would be done in his lab.

John Archer volunteered to travel and help with experiments if asked.

Bud Hoefft spoke about Transfer Impedance measurement techniques and said that P299.1 development should be part of the plan. A memo was promised.

Kermit Phipps emphasized the importance of a Shielding Artifact Standard and spoke in favor of Bud Hoefft's copper pipe. It is very simple and easy to reproduce.

Kermit said that the P1560 report was ready to print and that the group should be disbanded.

Chairman Bob Scully led a discussion about the need for a spreadsheet for a five year plan of future TC4 initiatives, such as those led by George and Bud. This information would be useful for demonstration planning for future conventions.

George Kunkel mentioned that he would be giving a Powerpoint session the following afternoon dealing with EM wave reflection. He was involved with the effects of EMP and shielding effectiveness.

The next meeting will be in Hawaii in 2007.

Close.

Submitted

John R Archer

Secretary  
EMC Society  
TC4 Group