

**IEEE ELECTROMAGNETIC COMPATIBILITY SOCIETY  
EMI CONTROL TECHNICAL COMMITTEE – TC-4**

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MINUTES OF THE IEEE EMI CONTROL TECHNICAL COMMITTEE – TC-4  
20 August, 2001  
Montreal, Canada

**MEMBERS PRESENT**

Bob Scully - Chair  
Dan Modi - Vice-Chair

Kermit Phipps – Secretary, Chairman of P1560

Lothar Hoeft - Chairman of P1350

Richard Mohr – Past Chair  
Rafik Stepanian  
William Croisant

Vil Arafiles

Mike McKinnerny

Mark Stanton

John Kraemer

Buzz Brezinski

**MEMBERS ABSENT**

David Laarabee

Nissen Isakov

Kwok Soohoo

Paul Cook

**OTHERS PRESENT**

Ed xxxxx  
George xxxxx Past Chair

**EMI CONTROL TECHNICAL COMMITTEE – TC-4**  
**Minutes Summary Tuesday August 20, 2001**

0.0	Call to Order	Scully
1.0	Approval of Agenda	Phipps
2.0	Review Role of TC4	Phipps
3.0	Approval of 2001 Annual Meeting Minutes	Phipps
4.0	Review of TC4's Work Over Past Year	Scully/Phipps
5.0	TC4 Plans for Year 2001 / 2002	Scully
6.0	Review of Long-Range (5 year) Plan	Phipps
7.0	IEEE Website	Scully
8.0	Other Topics/Issues	Phipps
9.0	Close & Selection of Venue / Time of Next Meeting	Scully
10.0	Adjournment	Scully

**MINUTES –Tuesday 20 August, 2001**  
**IEEE EMCS EMI CONTROL TECHNICAL COMMITTEE – TC-4**

**12:00 p.m. to 2:00 p.m.**

**0.0 Call to Order & Introductions -**

The Chair, Bob Scully, opened the TC4 meeting at 12:00 p.m. There were 11 attendees.

**1.0 Approval of Agenda**

The day's agenda was presented by the Secretary, Kermit Phipps, at 12:15 p.m. and was approved by vote with no changes.

**2.0 Review Role of TC4**

The Chair, Bob Scully opened the review and discussion for the new Charter of TC4 at 12:25 p.m.

**3.0 Approval of 2001 Annual Meeting Minutes**

The Secretary, Kermit Phipps, reviewed the 2000 Annual Meeting Minutes at 1:00pm. The Meeting Minutes were approved by vote with changes. (Dr. Hoeft First, Bob Scully Seconded)

See Attachment A

**4.0 Review of TC4's Work Over Past Year**

The Chair, Bob Scully, presented the group with the following outline of work accomplished:

- **TC-4 TECHNICAL PAPERS REVIEW**  
An important task of the committee is the yearly review of technical papers for the EMC Symposium. For the 2001 symposium in Minneapolis, Minnesota, the committee members reviewed a total of 96 papers. This year the reviews were shared by 11 committee members who reviewed an average of 20 papers each. The reviews were favorable for 91 of the papers. Of the remaining 5, 0 received a split review; rejection was recommended for the remaining 5 papers.
- **STANDARDS DEVELOPMENT**  
Another important task of the Committee is the development of standards within our areas of expertise. Currently there are two (2) sub-committees in the process of developing standards as follows.

**1. TC-4 Sub Committee for P1350**

Lothar Hoeft – Chairman of P1350 presented the current issues of P1350: P1560 has been, withdrawn for the time being. TC-4 adopted P1350 as a technical project headed up by the Lothar Hoeft and the past P1350 group. Lothar to report on meeting.

**2. Working Group P1560**

The working group has been meeting twice a year, once at the EMC Symposium and once outside of the symposium in Pennsylvania and is effectively using e-mail. The standard is posted on a website and FTP site for the working group members. The site is to be used by members to continue work over the next year. Progress is being made but is rather slow. The working group is submitting a new PAR to change the title to reflect Power Line Filters to Focus on the and narrow the scope of the standard. The SDCOM is worried that the working group may not be able to complete the project on time, but the working group stays optimistic

that the standard will be completed, but at the same time put in for a one-year extension.

#### **5.0 TC4 Plans for Year 2001/2003**

The Committee passed at 1:15 that the Signal Integrity did fall not under TC-4. There is a new TC that handles this scope (TC-10).

The Committee members voted at 1:30 that the Charter shall be rewritten and that the name of the group should be TC-4 Electromagnetic Interference Control Technology (**Bob Scully Frist, Rafik Stephanian Second**)

TC-4 would continue to support paper review.

Rafik Stepanian pointed out, that it would be best if the abstract could be obtained first in order to determine the technical content and send the paper to the best reviewer. Richard Mohr stated that indeed the papers that the group had been reviewing are indeed the abstract if not the completed paper itself.

#### **6.0 Long-Range (5 year) Plan**

The Vice-Chair Dan Modi, and the Secretary Kermit Phipps, discussed the TC-4 Self-Check. At 1:45 it was voted by the Committee that there was no other tasks that TC-4 should be involved with that could be identified at the time of the meeting, other than the following four:

1. Paper Review
2. Support Standards Development
3. Provide Workshops/Tutorials
4. Support the Web-Site (TC-4)

#### **7.0 IEEE Web-Site**

The Chair, Bob Scully, reported that the Website is up and will be populated very soon. The secretary , Kermit Phipps is to provide past and present meeting minutes.

#### **8.0 Other Topics/Issues**

The description of the TC-4 Charter is to be developed and voted on before the next meeting.

#### **9.0 Close and Selection of Venue/Time of Next Meeting**

At 2:15 the Chair, Bob Scully requested input for the next meeting time. The Members agreed that the next annual meeting would be held at Minneapolis, Minnesota at the EMC 2002 Symposium. The Meeting will be held on Tuesday from 12:00 - 2:00 p.m.

#### **10.0 Adjournment**

The Chair, Bob Scully, closed the meeting at 1:55 p.m.

Submitted,

Kermit O. Phipps

Kermit O. Phipps -Secretary  
EMC Society  
TC4 Group