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7 August 2012
TC-2

IEEE EMC Technical Committee #2
EMC MEASUREMENTS
Meeting Minutes

Place: David Lawrence Convention Center, Pittsburgh, PA

Date: 07 August 2012

www.ewh.ieee.org/soc/emcs/tc2/

1.0 Call to Order/Introductions

Meeting was opened by Chair, Don Heirman, at 0732 hrs.
All in attendance introduced themselves.

<u>Name</u>	<u>Company</u>	<u>e-mail</u>	<u>Member</u>
Clifford Hauser	Raytheon Missile Systems	Clifford.hauser@raytheon.com	Y
Tom Fagan	Raytheon Missile Systems	tjfagan@ieee.org	Y
Don Heirman	Don Heirman Consultants	d.heirman@ieee.org	Y
Harvey Hodes	Proficiency Testing Service	hhodes@acil.org	N
Jeff Klinger	Compatible Electronics	jklinger@celectronics.com	N
Chad Kiger	AMS Corp.	chad@ams-corp.com	N
Shirish Shad	Con-Power	shirish@con-power.com	N
Jerry Ramie	ARC Technical	jramie@arctechical.com	N
Tames Bauzy	Robert Bosch	tames.bauzy@hu.bosch.com	N
Dierdre Spaulding-Yeoman	U.S.NRC	Deirdre.spaulding@nrc.gov	N
Mike Cibulka	Rockwell Automation	mjcibulka@ra.rockwell.com	N
Thomas Pirko	Rockwell Automation	tapirko@ra.rockwell.com	N
Michael Joesler	Fraunhofer International	Michael.jesler@int.fraunhofer.de	N
Lakiey Shank	AE Techron	lshank@aetechron.com	N
John Maas	IBM	johnmasse@us.ibm.com	Y
Ed Hare	ARRL	wlrfi@arrl.org	Y
Ghery Pettit	Intel	ghery.pettit@intel.com	N
Ross Carlton	National Instruments	ross.carlton@ni.com	Y
Greg Tait	NSWC Dahlgren	Gregory.tait@navy.mil	Y
Robert Hofmann	Hofmann EMC	hrhofmann@att.net	Y
Petra-Marian Nicolae	University of Craidra	pnicolae@elth.ucv.ro	N
Vignesh Rajamani	Oklahoma State University	vignesh.rajamani@okstate.edu	N
Monrad Morsen	Oracle	monrad.monsen@oracle.com	N

NOTE: Those attendees not presently members of the committee will be added to the membership list for one (1) year and will receive all TC-2 minutes as well as agendas. Members not present will also get meeting minutes. The policy of the TC-2 committee is that if a member does not attend the TC-2 committee meeting the following year, he/she is removed from the membership roll unless there is a communication with one of the officers indicating the circumstances for the non-attendance.

Action Item #1: The secretary will update the membership list after each yearly TC-2 committee meeting and send to all attendees along with the draft meeting minutes. The draft meeting minutes and the membership list will be posted to the IEEE EMC TC-2 website.

2.0 Approval of 2011 Minutes

The members present approved the 2011 Long Beach meeting minutes with no changes. The members also approved the 2012 agenda with no changes. Members also agreed to the proposed 2013 agenda using same format.

3.0 Committee Membership Status

Existing officers were elected to another two (2) year term. Membership criteria and roster status will be updated by the secretary and sent out to all members for review.

Action Item #2; Secretary to update web site by sending meeting minutes and membership roster to Todd Hubing at t.hubing@ieee.org.

4.0 Symposium Activity

Eight (8) people expressed interest in Smart Grid (SC-1) information. Symposium paper review of 379 papers submitted, with a rejection rate of 22%. E-mail to be sent by the secretary to all members asking for area (s) of expertise to facilitate being added to the list of symposium paper reviewers. The chairperson then went over the 2012 paper review process status.

Action Item #3; Secretary to query members on their expertise and willingness to be a symposium paper reviewer.

5.0 Standards

Ed Hare provided a brief report on the scope of the EMC Standards sponsored by the EMC Society. A link to a description and status is available at: http://www.emcs.org/standards/sdcom/Standards_Matrix.html

The following Standards are currently under Review:

1. Measurement of Emissions for ISM on Premise
2. Measurement of Spurious Radiation from Receivers
3. Shielding Effectiveness
4. Spurious Emissions from Land-Mobile Transmitters
5. EM Site Survey
6. Field Disturbance Sensors
7. RF Absorbers
8. Characterization of Conducted Gaskets
9. RF Filters for Power Lines
10. Computational Modeling
11. Intentional EMI
12. Modular EMC Testing
13. Power-Line Harmonics

6.0 iNARTE

iNARTE has merged with QSA/RAB and will be located in Milwaukee, Wisconsin. Big topic is to improve quality of questions, and expand reviews to more people.

Action Item #4; With the goal of lessening the amount of questions to be reviewed by any one (1) person, the TC-2 secretary is to query members on their willingness to become an iNARTE paper reviewer.

7.0 Symposium Activity

Everyone in attendance stated that they will be going to the 2013 conference in Denver. TC-2 has 30%-50% of all the papers to review. In general, late October through early January is paper submittal time with paper review starting late January. March 2013 is generally the time frame for indicating to authors final acceptance or rejection of their paper. For specific dates for the 2013 convention, see the Denver "Call for Papers" on the web site. It was noted that session chair and co-session chair people will be needed for the 2013 IEEE EMC Symposium. If you are interested, contact any TC-2 officer.

John Maas, in recent times, has been in charge of facilitating the applications for Special Sessions, Workshops, Tutorials, and Technical Papers. He explained to the group the difference between these session types and this information has been captured in the symposium guide.

8.0 IEEE Symposium 2013

Date and location for the 2013 IEEE EMC symposium will be August 4-9, 2013, in Denver. It is expected that the TC-2 committee meeting will again request a "Tutorial Session" on "Basic EMC Measurements". The plan is for this tutorial to be done at the 2014 convention also. Gherry Petit requested that we have a workshop and/or Special Session on "Standards and Regulations". This will be placed on the TC-2 committee list for proposed 2013 activity. A question was asked on how to implement a new workshop into the IEEE EMC Symposium. Donald Heirman, TC-2 Chairperson, will work with Mr. Pettit on this proposal. Harvey Hodes then asked if a workshop on "Proficiency Testing/Training" was viable for 2013. This too is feasible and Don Heirman and Mr. Hodes will work together on this proposal. Meeting time for the 2013 TC-2 was agreed to be on Tuesday morning, August 6, 2013, at 0730-0830 hours.

9.0 Close of 2012 Meeting

The chairperson thanked those in attendance and closed the meeting at 9:00 AM.

Clifford E. Hauser
Secretary IEEE EMC TC-2