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**05 August 2014**  
**TC-2**

IEEE EMC Technical Committee #2  
EMC MEASUREMENTS

Meeting Minutes

Place: Raleigh Convention Center, Raleigh North Carolina

Date: 05 August 2014

[www.emcs.org/committees/tc02/index.html](http://www.emcs.org/committees/tc02/index.html)

## 1.0 Call to Order/Introductions

Meeting was opened by Chair, Don Heirman, at 7:30AM. All in attendance introduced themselves and signed roster.

<u>Name</u>	<u>Company</u>	<u>Member</u>
Tom Fagan	Raytheon Missile Systems	Y
Don Heirman	Don Heirman Consultants	Y
Robert Hofmann	Hofmann EMC	Y
Vignesh Rajamani	Oklahoma State University	Y
Monrad Monsen	Oracle	Y
Ed Hare	ARRL	Y
Dave Inman	Parker-Chomerics	N
Randy Jost	Ball Aerospace	N
Don Kerns	Dayton T Brown	N
Libor Palisek	Honeywell	N
Sean Vowell	GE Aviation	N
Jeff Klinger	Compatible Electronics	N
Greg Tait	NSWC Dahlgren	Y
Carl Hager	NSWC Dahlgren	N
Petre-Marian Nicolae	Craiova University Romania	Y

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. The secretary will update the TC-2 membership list and post to the TC-2 web site (website address is [www.emcs.org/committees/tc02/index.html](http://www.emcs.org/committees/tc02/index.html)) along with the draft meeting minutes by giving to Bruce Archambeault on [bruce.arh@ieee.org](mailto:bruce.arh@ieee.org).

## 2.0 Approval of 2013 Minutes

The members present approved the 2013 meeting minutes with minor changes. This will be posted on the TC2 website portion of the EMCS technical committee webpage.

### 3.0 Committee Membership Status

Existing officers were elected during the 2012 session in Pittsburg. The chair asked the committee if there were any objections to the present chair and vice chair to continue for another 2 years. There was no objection. A request was made to the membership for people to volunteer for future officer positions. Monrad Monsen offered to be the TC-2 secretary. It was approved.

### 4.0 Symposium Activity

We had 37 papers this year. 16 were approved and 16 were rejected. That is 50% approval rating, one of the highest rejection percentage for TC-2, largely indicating the lower quality of the submissions. The committee encourages the quality to improve in the future.

### 5.0 Standards

Don went thru the standards that TC-2 is working on

187 (TV/FM spurious emissions)

377 (Land mobile spurious)

473 (Site Survey)

475 (Field disturbance sensors)

1128 (Absorber performance)

1140 (Near field LF emissions)

1302 (Gasket characterization)

1309 (Probes)

1642 (Intentional EMI)

1688 (Module testing)

Action item 14-1: Several attendees volunteered to help with the standards. Don asked them to email him and would get them on the committees.

### 6.0 iNARTE

iNARTE which had merged with RAB/QSA is now a part of Exemplar Global. They still have an office in Milwaukee, Wisconsin.

Don Heirman, TC-2 chairman, will be the POC for Exemplar Global on iNarte questions.

No questions will be required in order to apply for iNarte certification in the future. The questions will come from experts in the field that Exemplar Global will train on question and answer writing. Exemplar Global will pay for travel to Milwaukee for the training and the question and answer writing sessions.

### 7.0 IEEE Symposium 2015

There will be two symposiums next year. The Santa Clara US symposium will be on March 15-21, 2015 international Symposium will be in Dresden Germany on August 16-22, 2015.

Those in attendance were asked which symposium they will be attending. Half of those in attendance will make the Dresden symposium and the other half the Santa Clara symposium and just a few will make both.

Paper reviewers are needed for the paper review process. Several people offered to help and they will send Don their contact info and their technical specialty in order to be included in the reviewer pool. He mentioned that the Dresden reviewer pool will be from the present reviewer pool and those that will be added from the European sponsor.

### 8.0 Don suggested strongly that attendance be at Dresden Germany as it is the international symposium of the Society and if enough people attend the Santa Clara Conference he may have a TC-2 meeting there.

### 9.0 Close of 2014 Meeting

The chairperson thanked those in attendance and closed the meeting at 0830 AM.