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**15 August 2011**  
**TC-6**

IEEE Technical Committee #6 (TC-6) Meeting Minutes  
Web-site: [www.emcs.org/committees/tc06](http://www.emcs.org/committees/tc06)

Place: Long Beach Convention Center, Room 201A, Long Beach, CA

1.0 The meeting was opened by Chairman, Karen Dyberg at 1205 hrs. Introductions were conducted.

The following personnel were in attendance (8). Member and others attending will receive the meeting minutes and the 2012 agenda. Confirmed members have a "M" after their name.

<u>Name</u>	<u>Company</u>	<u>E-mail</u>
Clifford Hauser - M	Raytheon Missile Systems	clifford.hauser@ieee.org
Randy J. Jost - M	Utah State Universitylmco.com	r.jost@ieee.org
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Thomas Fagan - M	Raytheon Missile Systems	tjfagan@ieee.org
Karen Dyberg - M	Raytheon Integrated Defense	kdyberg@ieee.org
Richard Ford	NRL	emc4d@cox.net
Sarah Seguin - M	University of Kansas	seguin@ku.edu
Robert Davis - M	Lockheed	robert.h.davis@lmco.com

Note: Those attendees present at this meeting and members not present, will be placed on the distribution list to receive all TC-6 communications.

2.0 Members and attendees discussed the 2010 meeting minutes. Dick Ford noted that although he attends the TC-6 meetings, he is not a member of the committee and does not want to be listed as such. The meeting minutes were then approved pending that minor change.

3.0 There was a group discussion of the following topics and activities. All those present contributed.

- Rewrite the charter
- Update the website
- Identify criteria for membership

- Setup a member google or yahoo group for TC-6 announcements, informal meets, etc
- Invite new membership and update roster
- Proposed efforts to increase membership, and grow our expertise and capabilities:
  - o Put an increased focus on spectrum management
  - o Increase advertising of TC-6 activities via notices, newsletters, cross-TC interaction, etc
  - o Get involved with other groups/committees within EMC society, such as TC3 and TC4
  - o Get involved with organizations/societies outside of EMC society who have a stake in spectrum management, such as ISART, IEEE Communications Society, FCC, NTIA, etc.
  - o Can we become independent reviewers of federal regulations and contribute on specific spectrum issues representing TC-6 (who must approve?)
  - o Formally invite other groups to attend our meeting
  - o Give presentations at other groups meetings (who must approve?)
- Prepare iNarte questions – New iNarte spectrum management certification proposed
- TAC requested each TC member to write one question for the iNarte EMC Design Engineer Certification, multiple choice, more info to follow
- Future activities for 2011 and 2012
  - o Review iNarte questions related to our committee
  - o Propose an experiment for EMCS 2012 – a suggestion was related to amplifier noise reduction
  - o Prepare an article for EMC newsletter publication
  - o Sponsor a technical session if enough papers submitted
  - o Plan/propose a special session
  - o Plan/propose a joint workshop (working with TC4, TC4 and G-46)
  - o Meet once a month (Sept/Oct/Nov) to work on these activities

4.0 Dr. Sarah Seguin, an Assistant Professor of Electrical Engineering at the University of Kansas, gave a very interesting presentation on “Hardware-in-the-Loop Radar Waveform Design”. The presentation is embedded below.

5.0 Karen reported that the TC-6 committee reviewed one (1) session paper which was accepted. TC-6 received zero (0) iNARTE questions for review.

6.0 Officer Status. Dr. Sarah Seguin was nominated and voted in as Secretary of TC-6, which she accepted. Sarah will replace Larry Cohen who accepted the temporary position last year. Sarah’s position will take effect at the EMCS 2012 annual TC-6 meeting in Pittsburgh. Cliff Hauser and Karen Dyberg continue as Vice Chair and Chair, respectively.

7.0 Meeting officially ended at approximately 1315 hours.



Seguin Presentation  
for TC-6\_15Aug2012