



Larry Cohen
Chairman
202-404-7726
lcohen@ieee.org

Karen Dyberg
Vice-Chairperson
978-440-4022
kdyberg@ieee.org

Clifford E. Hauser
Secretary
520-794-8285
kd6xh@ieee.org

18 August 2008
TC-6

IEEE Technical Committee #6 (TC-6)
Meeting Minutes
Web-site: www.ewh.ieee.org/soc/emcs/tc6/

Place: Detroit, Michigan COBO Convention Center

Chairman
Lawrence Cohen
lcohen@ieee.org
202-404-7726

Vice Chairman
Karen Dyberg
kdyberg@ieee.org
978-440-4022

Secretary
Clifford E. Hauser
clifford.hauser@ieee.org
520-794-8285

1.0 Meeting was opened by Chairman, Larry Cohen at 1213 hrs. The following personnel were in attendance:

<u>Name</u>	<u>Company</u>	<u>e-mail</u>
Clifford Hauser	Raytheon Missile Systems	clifford.hauser@ieee.org
Randy J. Jost	Utah State Universitylmco.com	r.jost@ieee.org
Lawrence Cohen	Naval Research Lab	lawrence.cohen@nrl.navy.mil
Dave Southworth	SSC San Diego	d.southworth@ieee.org
David Case	CISCO	david@cisco.com
Thomas Fagan	Raytheon Missile Systems	tjfagan@ieee.org
Karen Dyberg	Raytheon Integrated Defense	kdyberg@ieee.org
David Hilton	SSC Pacific	hilton@spawar.navy.mil
Chris Dilay	SSC Pacific	dilay@spawar.navy.mil
Richard Ford	NRL	Richard.ford@nrl.navy.mil
Robert Martin	Raytheon	robert_f_martin@raytheon.com
Robert Davis	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 TC6 communications.

2.0 Members present approved the meeting minutes of the 2007 meeting.

3.0 Richard Ford from NRL did a presentation on Spectrum for radar, Future issues and Concerns.

He stated that the physics of radar require different frequency ranges for different functions. The biggest concern is that the radar community is not being successful in keeping the required frequency spectrum. As we lose frequencies to commercial use, we lose the ability to use radar for various applications which can limit this countries ability to defend itself. Looking ahead, the future spectrum allocation will most likely be a hybrid system with rights of ownership for the frequencies a complicated issue.

4.0 A lively discussion by all present developed on the future of radar design changes needed.

5.0 Larry Cohen will take on the task of bringing to the group future talks on the Tri-Service radar symposium and future workshops within the radar and wireless communities, solicit papers on spectrum issues, and solutions for future EMC symposiums..

6.0 The following information was reported to the group:

TC-6 2007/2008 activities:

MIL-STD-469 document was cancelled by the military,
The above listed officers will serve for the 2008-2009 year.
TC-6 had no papers to review for 2008 symposium

TC-6 2008/2009 planned activities:

At lest 5 papers for review for the 2009 IEEE EMC symposium.
Sponsor a workshop and/or special session.
5 year plan to be updated by the officers and submitted to the TAC for review.

7.0 The Technical Advisory Committee asked for several key words that they can use to route documents to the proper committee. The following is a list of the words that was recommended by the committee members:

Electromagnetic Interference	Electromagnetic Compatibility	Spectrum Management
IEEE	Society	Spectrum
Allocation	Radio	Frequency
Wireless	FCC	NTIA
Telecommunications	RF	Radar
License/licensing	Communications	Transmission
Radiation	Free Space	RSEC
Bandwidth	Emission	Electromagnetic
Hemp/EMP	Interference	WiMax
Trunking	WiFi	Cellular
Supportability	Certification	TC6
TC-6	RF Engineering	HPMenuation
Attenuation	UWB	Coordination
Regulation	EMC Engineering	Antenna
Assignment	Frequency Coordination	Reception
Electromagnetic Interference	EMI	Gain/Loss
Power/dB/dBm	World Radio Conference	ITU
Hz/kHz/MHz/GHz	BPL	Co-channel
Adjacent channel	Linear	Compression
Efficiency	Filter	Blanking

8.0 The next planned TC6 committee meeting will take place at the 2009 EMC Symposium. Meeting adjourned at 1213 hours.