

IEEE EMCS TC-6 Spectrum Management Committee

Annual Meeting Minutes

August 8, 2005

Chicago, IL

The 2005 IEEE EMCS Technical Committee on Spectrum Management (TC-6) annual meeting was held at 5:30 pm on August 9th in the Ontario Room at the Sheraton Chicago Hotel and Towers in Chicago, Illinois.

Attendees:

Name	Affiliation	Phone	E-Mail
Tom Fagan	Raytheon Missile Systems	(520) 794-0227	TJFagan@ieee.org
Larry Cohen	Naval Research Laboratory	(202) 404-7726	Lawrence.Cohen@nrl.navy.mil
Karen Dyberg	Raytheon IDS	(978) 440-4022	kdyberg@ieee.org
Arto Chubukjian	Communications Research Centre	(613) 998-2213	Arto.Chubukjian@ieee.org
Ed Hare	ARRL	(860) 594-0318	WIRFI@arrl.org
Dave Case	CISCO	(330) 523-2139	DaveCase@cisco.com
Tom Jackson	CCL	(801) 972-6146	toj@cclab.com
Bill Mc Ginnis	Alexander Engineering	(210) 496-3200 x198	Bill.McGinnis@alexutil.com
Bob Davis	Lockheed Martin	(315)456-1085	Robert.H.Davis@lmco.com

(1) TC-6 Officer Changes:

- Michele Brown stepped down from the position of Vice Chair after holding the title for two years. Larry Cohen accepted the seat as Vice Chair. Members present approved the changeover. Past Chair (1990 – 2003), Arto Chubukjian, was recognized for his continued support of the committee as it relates to current issues.

(2) 2005 in Review:

- For 2005, approximately 21 full papers were reviewed among the three officers.
- 4 papers were formally reviewed and accepted for the general session
- During the 2005 EMCS, TC-6 sponsored the three activities. All were well attended.
 1. “BPL: The Issues” Workshop
 Sponsored by TC-2 EMC Measurements and TC-6 Spectrum Management
 Chaired by Don Heirman and Tom Fagan
 This workshop provided an introduction to present signal measurements for the new broadband access of internet services using the power line as the transport medium and the send/receive connection provided by simply connecting a PC to the AC power line. Five papers were presented.

2. "BPL: Data and Measurements" Special Session
Chairs: Don Heirman and Tom Fagan
Sponsors: TC-2 EMC Measurements and TC-6 Spectrum Management
The session presented data taken identifying the signals and RF emissions produced by the introduction of internet access over the power system grid and hence providing interconnection to the internet via the power outlet in a residential or commercial location. Papers were presented of data already available taken from existing installed BPL systems as well as physical models that have been erected to further measure emissions. Six papers were presented.
3. "Spectrum Management and Measurement Techniques" Technical Session
Chaired by Tom Fagan
Six papers related to spectrum measurement were presented.

(4) Guest Speaker Presentation:

- Ed Hare, the American Radio League's (ARRL) contact on EMC matters, gave a presentation on BPL which addressed interference concerns for all radio services using the BPL frequency range (1.7 to 80 MHz). The ARRL website contains a great deal information on BPL including many quick links to interesting sites, <http://www.arrl.org/tis/info/HTML/plc/index.html>.
- Ed Hare's presentation will be posted, with his permission, on the TC-6 webpage.

(5) Next Meeting:

- The next IEEE EMC Symposium will be held in Portland, Oregon from 14 - 18 August 2006.

The 2003 TC-6 meeting was adjourned at 6:30 pm.

Karen Dyberg
TC-6 Spectrum Management Secretary