Memorandum from: Michael C. Wicks

Subject: IEEE AESS and Sensors Council

Date: 5 May 2015

In 2014, the IEEE Sensors Council held an extraordinary joint event at the Conference Center in Valencia Spain. The IEEE Sensors 2014 Conference was held November 2-5, 2014. The Conference General Co-Chairs, Drs. Reig and Sarro, led an excellent team producing an event with many fine papers and hundreds of attendees. I encourage all interested AESS members to briefly review the record of this Conference. With three excellent keynote speakers: Drs. Carlo Ratti, Herre van der Zant, and Jun Ohta, covering diverse topics from city living to microelectronics, and hundreds of other interesting papers on every aspect of sensors technology, the theme and topics of interest included: networks; phenomena, modeling and simulation; chemical, gas, and biosensors; close-in EO, IR and RF sensors; mechanical systems, and many other related topics. This is very complimentary to our AESS technical activity and technical publications, and is important to system of systems concepts emerging in our society. Embedded sensors, such as those presented and discussed at the EEE Sensors 2014 Conference, will be critical to autonomous systems presented at AESS sponsored conferences and workshops, and published in the Transactions and Magazine. Fortunately, I was able to attend the IEEE Sensors Conference and the IEEE Sensors Council Administrative Committee meeting, and plan to attend both again this fall in Korea.

In an attempt to develop sustainable ways in which to increase joint activity between the Aerospace and Electronic Systems Society and the Sensors Council, we discussed establishment of a track on Future Trends in Sensor Diversity, Processing, and Exploitation in a future event. Dr. Lo Monte and I are still exploring the way forward in an attempt to make this concept a lasting and strong connection between AESS and the SC, and it appears to be a solid topic not filled by any other society or council at the present time.

Sincerely,