

AESS Technical Operations Report to the Board of Governors

May 6th, 2003

1. Budget

There are no expenses to date for Technical Operations except those for the Distinguished Lecturers Program. These expenses are reported below.

2. Technical Panel and Committee Reports

Technical Panels

Attachment 1 summarizes the present status of the technical panels.

Three (3) technical panels are now considered as active.

The Gyro and Accelerometer Panel remains very active. Refer to Attachments 1.A for the GAP report prepared by the new chair Randy Curey. I participated in the most recent meeting of the GAP in Woodland Hills, CA.

The Radar Panel remains very active under the new leadership of James Day. Refer to Attachment 1.B for the minutes of the October, 2002 meeting in Edinburgh.

The Space Systems Panel remains very active under the continuing leadership of Marina Ruggieri. Marina's report is included as Attachment 1.C

The panel for Formal Methods in System Design is in a state of revitalization after a period of inactivity. Refer to Attachment 1.D for correspondence from the chair, James Alpigini.

Two (2) panels remain in the formative stage, Target Tracking & Sensor Fusion under the leadership of Dale Blair and System Engineering under the leadership of Paul Gartz.

The Integrated Avionics Panel will possibly be revitalized under the leadership of Lt. Col. Paul Logan. However world events have impacted this reporting period.

Technical Committee Representatives

There are twelve (12) technical committees and councils with AESS representatives as summarized in Attachment 2. The reports from the representatives for seven (7) of these groups are provided as Attachments 2.A through 2.G. Thanks to Bob O'Donnell for obtaining these inputs for this Technical Operations Report.

3. Distinguished Lecturers Program

In this period, I am happy to report that Professor Itzhack Bar-Itzhack has joined the AESS Distinguished Lecturers Roster with his lecture "The Evolution of Inertial Navigation". This brings the number of lecturers available from the AESS to 12.

The activity of the Distinguished Lecturers (DL) program for the full years 1999 through 2003 (to date) is summarized in Attachment 3. Five (5) lectures have already been given in 2003. Expense reports have been received for two (2) with a cost to date of \$1000. One lecture had no cost and two (2) expense reports are outstanding. An additional two (2) lectures have been approved. This yields a total of six (6) lectures with an expense obligation that is at a maximum, \$3,000.

4. PLANS Conference

I attended the most recent Organizing Committee meeting of the PLANS 2004 in Santa Barbara, CA at the Double Tree Hotel that is a potential site for PLANS 2006.

Administrative action items from the meeting were to file the Conference Information Schedule and Application for Insurance and complete the final report for PLANS 2002. The Conference Information Schedule and Application for Insurance were subsequently filed with the IEEE.

The Technical Program for the PLANS 2004 has been organized and most of the Track Chairs have been appointed with Sessions Chairs to follow. The publicity campaign was initiated in April after a Publicity Committee on March 14th.

The surplus from PLANS 2002 may be on the order of \$30,000. This requires that the IEEE credit the PLANS account with \$2,700 the IEEE collected for one display booth but credited to the wrong account and the subsequent collection of \$7,200 for a larger display both that has not yet been collected. IEEE Concentration Banking is being assessed to ease the financial transition from one conference to the next.

The next Organizing Committee meeting is scheduled for June 13th.

Respectfully submitted

Jim Huddle

Vice President - Technical Operations