

AESS Technical Operations Report to the Board of Governors September 21-22, 2004

1. Budget

There are no expenses to date for Technical Operations.

2. Technical Panel and Committee Reports

Technical Panels

Attachment 1 summarizes the present status of the technical panels.

Three (3) technical panels are very active.

1. The Gyro and Accelerometer Panel remains very active under the leadership of Randy Curey. Refer to Attachments 1.A for Randy's report. Four Standards are currently in process.
2. The Radar Panel remains very active under the leadership of Jim Day. Refer to Attachment 1.C for Jim's report.
3. The Space Systems Panel remains very active under the leadership of Marina Ruggieri. Refer to Attachment 1.B for Marina's report.

The Integrated Avionics Panel may be entering a state of revitalization after a period of inactivity. The chair, Glen Logan has retired from the Air Force and now serves in his same office at OSD as a consultant. When I communicated with Glen in August 2004, he said that he would definitely like to recruit some new members this year at the DASC in October. See Attachment 1.D

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.

Technical Committee & Council Representatives

There are currently ten (10) technical committees and councils with AESS representatives as summarized in Attachment 2. Reports from the AESS Representatives are included as additional attachments. The ITS Council is being terminated as this entity is transitioning to a Society. See Attachments 2.A through 2.H

3. Distinguished Lecturers Program

The activity of the Distinguished Lecturers program for the full years 1999 through 2004 is summarized in Attachment 3. The latter 6-month period for 1998 is also shown. The average number of lectures per year over the 1999 through 2003 time frame has been ~ 8 with a peak in 2001 of 12 and a low of 6 in 1999. The locations of the various lectures are also included in the attachment.

For the current year 2004, four lectures have been given and three more are scheduled for the fall. An additional lecture tour is planned for early 2005.

Two new international lecturers have recently been added to the roster. Hugh Griffiths is offering his lectures on “Bistatic & Multistatic Radar” and “Synthetic Aperture Radar” and Itzhack Bar-Itzhack on “Evolution of Inertial Navigation”.

Marina Ruggieri and Tsuneo Takahashi have been queried for additional candidate lecturers and topics to expand international coverage for the program. Marina has submitted the bio’s for two recommended lecturers Enrico Del Re and Danielle Mortari that are included respectively as Attachments 5 and 6.

The current process for adding Distinguished Lecturers to the roster is summarized in the flow diagram of Attachment 4 that is in response to an action item from the Spring BOG meeting at PLANS in Monterey, California

4. PLANS

The PLANS Executive Committee has been approached by the Institute of Navigation (ION) with a proposal to merge the PLANS Conference with the ION Annual Meeting. Barry Breen, VP Conferences has provided background information in his report. The reasons for interest in the merger by the PLANS are stated in Attachment 7.

The preliminary estimate of the PLANS 2004 surplus is roughly \$30,000 as reported by the Treasurer of the PLANS Executive Committee, Marvin Swensen. The number of paid attendees was 265 versus the budget plan of 250.

5. New Associate Vice President, Technical Operations

Please join me in welcoming aboard, Bob Lyons as the new Associate VP of Technical Operations who is taking over that position after Bob O’Donnell’s retirement. Bob O’Donnell has been a great help to Technical Operations and Bob Lyons is enthusiastically looking forward to this new opportunity.

Respectfully submitted,

Dr. Jim Huddle
Vice President - Technical Operations