

To: AESS BoG
Date: 8 September 2004
Subject: Exec VP Report
From: Jim V. Leonard, AESS Exec VP

1. First, let me apologize for not being able to attend the 21 Sept 2004 AESS BoG Meeting. I have a Boeing function that I must attend in St. Louis that day.
2. Due to President Paul Gartz being on medical leave, I have been performing the President's day to day activities.
3. I am in the process of providing input (with the help of many others, both volunteers and staff) to the template that is required for the 5 Year Review of AESS. I am trying to get enough done so that I may provide an electronic copy to John W. for this meeting.
4. Great news: Erv Gangl has been selected as our Pioneer award winner for 2004. I plan to present the award to him at the DASC conference in Salt Lake City on 27 Oct 2004.
5. We have been alerted that an ethics complaint (plagiarism) will be submitted to our newly created Ethics Panel. As of this date, no official complaint has been received.
6. Our 100 Years of Flight Booth that is combined with the IEEE-USA booth has been displayed at the 2004 WESCON. And we plan to display it at the AEROSPACE Conference next March. My thanks to Erv Gangl for working with the USAF AFIT IEEE Student Branch to put this booth together.
7. Bob Lyons has agreed to serve as the Associate VP-Technical Operations! Welcome, Bob.
8. In regards to RAB outreach, I plan to attend the Region 5 EXCOM on 9 October 2004. I will continue to stress the need for getting our IEEE student members involved in Society activities.
9. In regard to Industry Relations: Boeing is very active in Industry Relations. As you know, Boeing IEEE Focal, Don Cowher, made a presentation on Boeing's IEEE internal activities at the Fall 2003 IEEE Board series in Seattle (November). And Paul Gartz, Jim Leonard, and Laura Hitchcock are members of Don's internal Boeing team. He has initiated monthly web conferences for this team on the first Wed of each month. Boeing holds internal conferences known as Boeing Technical Excellence Conferences (BTEC). They are held every six months rotating from Seal Beach to Seattle to St. Louis. I have hosted poster sessions at BTEC 4 and 5 and 6. These poster sessions define the value of IEEE to Boeing. I prepared another IEEE Poster Session for BTEC 7, held July 20-22, 2004. Judy Gorman has sent a memo to IEEE Executive Director, Dan Senese, regarding a strategic alliance between IEEE and Boeing. I am unhappy to say that an article in IEEE Spectrum entitled, "Boeing Runs into Turbulence", has put a damper on my internal Boeing activities.
10. For information, Dan Senese has tendered his resignation and plans to retire at the end of 2004.
11. In regards to funding the UMR Academy of ECE: The Academy of Electrical and Computer Engineering (AECE) is part of a task force at UMR to put together a

program that will provide such an education to its graduates that Industry will hire that graduate in lieu of outsourcing. This is a benchmark activity. I am a member of the UMR AECE. I am happy to announce that the Electrical and Computer Engineering department has formed a task force to evaluate the retention rate of UMR graduates in US jobs. A goal of the UMR is to ensure UMR's curriculum is providing US industry with graduates who are of utmost value and will be retained at their jobs within our country. As a part of this study the task force will also evaluate if and how Electrical Engineering and computer Engineering curricula are meeting the needs of the companies who hire UMR graduates. The task force members include Richard Elmer, Del Mank, Robert Wilson and Keith Stanek (Past Chair of ECE Dept at UMR). All are members of the AECE. Ron Willoughby, current President of the AECE will also be looking at how this study may be expanded to other universities. The above information was gathered during a trip I made to UMR on Sept 2-4, 2004. As you recall, AESS provided \$500 funding for this effort.

12. In regard to Student Activities: I traveled to UMR on 2-4 September 2004, during which time I met with the IEEE Student Branch members. UMR also has a Student Branch Chapter of AESS. I am trying to revive activity in this area. I reminded them of the opportunities to work with the St. Louis Chapter to network with engineers in industry. UMR has 158 IEEE student members as of the end of July. I will be helping them with a membership drive later this year.
13. There are currently discussions going on between our PLANS EXCOM and the ION conference in regards to a potential merger. I am sure Jim Huddle will request a discussion at this BoG meeting to resolve whether the BoG wishes this discussion to continue. Please consider a resolution to provide direction to the discussion group. It should: a) continue these discussions and prepare an MOU for the merger, or b) cease and desist. My option is to keep PLANS as a separate conference sponsored by AESS (as it is now).
14. I approved that AESS be a technical cosponsor of RAST 2005. Bayy Breen is working out the details.
15. The IEEE Board of Directors will be asked to consider a method for OUs to spend reserves (without resorting to budget overruns). Charles Gager will report on this. It is basically a method to allow discretionary spending of 3% of our reserves.
16. Dr. Afonso Centouri recently submitted a report to Jim Huddle on the Recent Activities of the Nanotechnology Technical Council (NTC). I am sure Jim Huddle will expend on this report. Dr. Centouri has suggest a Nano Conference next year and is working with Barry Breen on its infancy.
17. One of the duties of the Exec VP is to encourage AESS members to aspire to the grade of IEEE Fellow. Another category has been added (industry related) to the criteria for IEEE Fellow. Evelyn Hirt has announced this in SYSTEMS magazine. Let' help a few more of our senior members to upgrade.
18. Bob Rassa, Russ LeFevre and I had preliminary discussions in KC regarding a possible Systems Engineering Council. Its purpose would deal with Systems Engineering. It would not be planned to become a society in the future.
19. I wish to thank the Board members for helping me while I am filling in for Paul Gartz.