

EE/CpE 415-423 – 416/424
2002 Fall – 2003 Spring
WEEKLY STATUS REPORT

Group No.: 3 Date: October 14th, 2002 Report No: 4
Project Title:
Kalman Filter Library

Group Leader: Noel Villegas Advisor: Professor Kiss
Sponsor/Client: British Aerospace
Number of Hours Spent: 40

Project on Schedule: YES

Weekly Status:

The format of this weekly status report has been updated to conform to the layout requested by Professor McNair.

Sandra has finished the webpage and has uploaded it. The website contains a section for project related news, descriptions of the project and sponsor, our internal documents, status reports, references, a calendar of important dates, and a section for contact information. It is at http://edwardchan.dyndns.org/sandra/senior_design/index.html. We will switch servers when TA Yao Chen sends us the class server account information for the class.

We are currently working on our project abstract. It has to be slightly revised from our earlier ideas as per the meeting with BAE on October 4th, 2002. For this, we have gathered additional research materials. Greg found a couple books in the Courant Institute for Mathematical Sciences (CIMS) Library for Kalman Filter theory. He also found a useful article from the IEEE Computer periodical, "Design by Contract: The Lessons of Ariane." This article reinforces what Mr. Frisina had said to us in the October 4th meeting that reuse without a precise specification mechanism is a disastrous risk. Noel picked up the October 2002 Dr. Dobbs Journal. In it is a comparison between .NET and COM, two component based architectures that we find useful to study. Also, the October 2002 Communications of the ACM is useful. Its focus this month is on Enterprise Components and Services. It is however hard to get a hold of, with the copy we used at the CIMS Library. We will leverage our references and available resources when developing our project proposal.

This week we will finish and turn in our project proposal. Also, we will have submitted our rough outline to BAE for evaluation. Some additional issues that we have to consider this week are longer term scheduling/work division and budgeting (E421-SEED).