

**EE/CpE 415/423 – 416/424
2001 Fall – 2002 Spring
WEEKLY STATUS REPORT**

Group No.: 27

Date: 11/18/02

Report No. : 8

Project Title: Remote Camera Control (RCC)

Group Leader: Dominik Hepp

Advisor: Bruce McNair

Sponsor/Client: LEKTRA/FLASHKON

Number of Hours Spent on Project by Group in Past Week: 38

Project on Schedule: YES

Weekly Status:

MDrive17 Motor programming has been finalized and we have started looking into run-time issues such as fail-safe programming and addressing of the devices, heat control of the MDrive17 control units, power issues to drive all the camera units through a single distribution channel and shutter-film advancement calibrations. We are expecting to attach the film advancement driving gear to the motors so that, once a first working model is available to us, we can insert the motors into full functionality as in an exact Rollei 6008 match. Furthermore we have focused most of our time this week on gathering all economical data to finalize our business model together with SEED inputs, and thereof collect our economics analysis outputs. This Wednesday, a Two Technologies representative will come down to Stevens to promote and present their PDS handheld device to our campus; those students who are interested are welcome. Hopefully we will be able to get our hands on one of their devices by the time they leave, so that we can take the next step towards integrating all different components together into the final product. If so, our next couple of weeks will be spent on the PDS addressing and programming. Next, we will try to get a Rollei LensControl S control device to also integrate that together with the PDS system.