

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

Group No.: 27

Date: 03/03/03

Report No. : 18

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: 35

Project on Schedule: YES

Weekly Status:

We have just today received the full student compilation version from KEIL Software together with the required dongle. In the next couple of days we will be installing this software and porting our previous split up code onto its fully combined C-code equivalent. The Rollei LensControl S serial connector might also come in later this week in which case we can continue serial communication testing with that device for all the aperture settings. Further more, we are looking more closely into the serial distribution possibilities to distribute our serial commands from the PDS to its concurrent serial devices. The general idea is that a STAMP will be introduced on each serial line in front of each device. That STAMP will interpret the incoming signal and decide on whether the signal is intended for that device or whether to ignore it (in other words it will act as a switch on the input of each device). We will not need the STAMP to interpret the outgoing signals from the serial devices since we can filter the feedback directly on the PDS's side. We are also working on compiling a user manual for our final product. Since we have already programmed most of our user interface, we should be able to complete this manual and modify it in case changes are introduced later on. Synchronously with that manual, we are starting work on the interim report, which will be posted on our project's website ASAP.