

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

**Group No.:** 27

**Date:** 03/30/03

**Report No. :** 21

**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:** 45

**Project on Schedule:** YES

**Weekly Status:**

After first running into difficulties in getting any communication going between the Rollei LensControl S and the PDS using the recently obtained serial communication connector, we've had to deal with a LensControl S Power Interface failure as well. Because of that failure, we were unable to further address the Rollei Shutter, even directly through the LensControl itself. Since we saw no obvious cause of the power interface failure and to direct fix, we contacted Rollei for technical support and obtained a new LensControl S battery (no longer an interface, but it functions the same way). Meanwhile we have however been able to make some progress on the Parallax basic stamp 2 (BS2). Currently, we have been able to establish a 2-way communication through the stamp, and we are further working on learning the specifics of Pbasic needed for our application. On Wednesday we expect to interface the PDS to the IMS motor through the BS2, after which we will do the same for the LensControl S. In case of early success with the motor, we will be able to fully focus on the entire -tier communication process between the PDS and the LensControl S only. Our group website has been updated.