



LED Minutes of Meeting

La Silla

Subject: Engineering Meeting No.: 09/2005

Date: 25.04.2005

1. La Silla Pending Problems:
 - a. 3.6m Centerfield mirror gets stuck: Bearings will be replaced at the end of June-beginning of July (HARPS end of run).
 - b. 3.6m Problem with img camera: TCCD #34 continues under test and shows a good behavior. For the next run of TIMMI should be installed on this instrument (June 30)
 - c. 3.6m HARPS slow readout mode is noisy: next long idle time (end of June).
 - d. 3.6m TIMMI filter wheel fail: Continue the testing. According to UWE the problem is inside the vacuum part. To warm up and open it at the end of the next run. Expected date: middle of July.
Coordination with Ueli is mandatory.
 - e. 3.6m F35 chopper amplitude is not right: Waiting for JVA who should work on it.
 - f. 3.6m Objects fall at the edge when using the centerfield: Planned for next M1 mirror coating in September.
 - g. NTT EMMI He lamp problem: Continue the monitoring, till now the results are good. Being commissioned by SCI.
 - h. NTT EMMI Red CCD image corrupted: SW will take it.
 - i. NTT Baffle failed: A periodic preventive maintenance will be carried out until a definitive solution is found.
 - j. NTT multiple reflections inside EMMI: AGI is coming next may 3rd.
 - k. 2.2m Problems during diff. guiding: SW is testing the modifications on the present technical time. Unfortunately the weather is not good. If necessary, SCI could give them some extra time when possible. Dead line: first of July.
 - l. 2.2m Parallax angle is calculated wrong in TCS: IKA is working on it.
2. Points from the previous meeting:

No problems.
3. Ongoing Projects:
 - a. TIMMI 2 and F/35 M2 Control: The plan must be updated and informed to SCI.
 - b. Harps High Efficiency Fiber (EGGS): FDR will be on May 17th.
 - c. M1 3.6m Lateral Pads: PDR ready for May 10th.
 - d. NGTCCD: Test run : 4-11 May.
 - e. GROND: Interface test on November. R Parra has been designated as coordinator for this project. All the people who have information must forward it to Ricardo.
 - f. EMMI Calibration Unit: Review delayed.
 - g. Paranal M1 Cover: 90% ready, we hope that it will be fully ready on the last week of May.
 - h. REM new LN2 Dewar and other items: No further news.

4. LED Team Reports:
 - a. Software Team:
 - Commissioning of the WFI PCI SPARC (25-26 Apr)
 - E2P2 differential guiding problem. A possible solution must be tested during the commissioning of the new WFI SPARC.
 - Tool for recovery of corrupted images (psotoo) installation. Currently installed only in HARPS WS.
 - Implementation of a VLT Standard Alarm for NTT Rotator. We are still working. A temporary alarm will be implemented by E. Barrios.
 - Action Point: Configuration of Pulpo Sensors for Instrument WS. Implemented for FEROS and WFI taking advantage of the technical time.
 - Interviews for SW position confirmed to May 3rd.
 - b. Electronic Team:
 - Emmi room temperature has been followed trying to find out the cause of failures on Camac and VME modules. LWE has been informed and he is taking action.
 - Tests of the UPS of 3.6m, together with Maintenance group. All the events were registered, and no abnormal behavior was found.. The test was repeated twice..
 - Some tests preparing the M1 Lateral Pads project.
 - 2.2m : Due to a short electrical storm the panel controlling the counterweights failed and caused a 24Volts line to drop, avoiding the telescope startup. Panel has been dismantled and it is being fixed on the lab.
 - c. Instrumentation and Optics
 - A vacuum sensor has been changed in CES dewar
 - EMMI Red CCD warmed, pumped and cooled.
 - d. Mechanics:
 - M1 Cover for VLT: work continues.
 - New TCCD parts production.
 - 2.2m rack is almost ready.
5. IT Report:
 - a. New Raid installed on Harps.
 - b. After the installation of psotoo, Anton merged all the fractioned images mentioned in a previous NRP.
 - c. The storm mentioned above caused various RCD's to trip down, and abnormal machines shutdowns. All the machines have been restored, and a router replaced.