

### Service works at DK154 in November 2018

These works were done by Petr Pravec, Miroslav Velen, Kamil Hornoch, Peter Sinclair and Bernardo Ahumada.

- 1) We installed new communication card to the UPS in the server room, replacing the old failed one, on 2018 November 6. We set up the interval for shutdown after power utility supply failure to 1 hour.
- 2) We adjusted the limit end switches for the open position of the dome slit S28 and S47 (to avoid occurrence of the TCS alarm SLIT AL6 (loss of end switches in open state)) on 2018 November 6. Their working distances are 3 mm now.
- 3) The problem with unhandled serial port error in the SBIG allsky camera control sw was fixed on 2018 November 6. The allsky camera's operation should be stable now, see <http://allsky-dk154.asu.cas.cz/>
- 4) We went through the complete Projectsoft checklist during 2018 November 6 to 10, see the protocol (Attachement 1).
- 5) The pyrgometer window was cleaned from chickweed on 2018 November 6. It shows correct values now (it "jumped" by about -20 to -25 W/m<sup>2</sup> after the cleaning).
- 6) We installed the new DFOSC camera to the telescope on 2018 November 8, and exchanged its controller on 2018 November 13.
- 7) We created a new pointing model on 2018 November 8/9. We used 58 reference stars (29 in each of the two telescope positions, Main and Reverse). The rms residual is 6.0 arcsec.
- 8) The DFOSC image data from the 2017-2018 season were copied to an external HDD and we will check them against data downloaded to the dk154-storage1 server. A sufficient space on the data disks of Lin1 was cleared for our entire 2018-2019 season.
- 9) We replaced the power supply in Win2 on 2018 November 10. The old one was noisy sometimes.
- 10) We installed the new meteostation on 2018 November 13.
- 11) The mechanism of the primary mirror flaps was maintained/lubricated on 2018 November 13.
- 12) We changed the password for vnc access to Win1/2, Lin1/2 servers on 2018 November 14.

Petr Pravec, 2018 November 14

Attachements: 1) DK154Checklist\_201811.xls