

2011-12-10 Observateurs : Denis, Gustavo

Configuration : **E1E2W2**.

- UT01 :15 Start observing. Chara peoples are working on E2 focusing so standby for VEGA.
- UT02:20 Starting observations. HD3360 as check star.
- UT03:10 Finished with checking star (HD3360). Cophasing has been done. Offset on E2=1.4mm, E1=1.5mm. Cophasing is done with B1=0.45 and B2=-0.15. $r_0 > 10\text{cm}$.

Programme V01-HD9826 (VEGA)

- UT03:12 Starting with calibrator HD14212
- UT03:19 Start recording the CLIMB.
- **HD9826CAL1.2011.12.10.03.16** 40 blocks. E1 TIPTILT is unlocked from time to time.
- UT04:00 Start with target HD9826
- **HD9826.2011.12.10.03.40** W2 was lost for block 30 to 37. E2W2 fringes are fine, but the E1W2 are jumping a lot.
- UT04:36 Going back to the check star HD3360 to check for cophasing. Cophasing was correct.
- UT04:57 Start with calibrator HD14212
- **HD9826CAL1.2011.12.10.04.32**
- UT05:28 Reobserving target HD9826
- **HD9826.2011.12.10.05.24** Photometry is fluctuating due to clouds.
- UT06:17 Start with calibrator HD14212
- **HD9826CAL1.2011.12.10.06.11**. Many clouds during recording. After block 35 the flux increased again.

Programme V38-HD35468

- ⤴ Alignment did not change.
- ⤴ UT06:59 Starting with calibrator HD38899
- ⤴ **HD35468CAL3.2011.12.10.06.59**
- ⤴ UT07:36 Starting with target HD 35468
- ⤴ **HD35468.2011.12.10.07.28**
- ⤴ UT07:54 Back to calibrator HD38899
- ⤴ **HD35468CAL3.2011.12.10.07.54**

Programme V01-55CnC

- UT08:26 Changing baselines to W1W2S2
- UT08:30 Starting with check star HD36861. Offset W1=2.8mm, S2=9.0mm, B1=-0.05 and B2=-0.1. Cophasing done.
- UT09:07 Starting with calibrator HD54801
- UT09:17 Starting saving Climb data
- **55CNCCAL2W2E2S2.2011.12.10.08.30** W1,W2,S2 were lost at block 13. Sky is too clouded.
- **55CNCCAL2W2E2S2.2011.12.10.09.40** The photometry is bad due to the clouds.
- UT10:00 Starting with target 55CnC
- UT10:19 Saving CLIMB data for 55CnC
- **55CNCW2E2S2.2011.12.10.10.09** Good tracking but flux is changing a lot. r0=15cm.
- UT10:53 Starting the calibrator HD54801
- UT11:03 Saving CLIMB data
- **55CNCCAL2W2E2S2.2011.12.10.10.53**
- UT11:25 Observing target 55CnC again

- UT11:41 Saving CLIMB data: Lost W2 and S2 for some time.
- **55CNCW2E2S2.2011.12.10.11.26**
- UT12:19 Observing new calibrator HD88960
- UT12:27 Saving CLIMB data
- **55CNCCAL3W2E2S2.2011.12.10.12.18 without Climb closing data.**
- UT12:46 Observing target 55CnC
- **55CNCW2E2S2.2011.12.10.12.48** Block 40 is bad – reached the limit of S2 delay line. No closing CLIMB data.
- UT13:13 Observing calibrator HD88960
- **55CNCCAL3W2E2S2.2011.12.10.13.11**

Closing the night

- ⤴ UT13:23 Spectral calibration : **D_R1720.2011.12.10.13.23**
- ⤴ UT13:26 End of observations