

Observers: Simon, Frantz

Configuration: E2/V1/POP1 E2/V2/POP2 ***** NO CLIMB *****

Initial setup

UTC03:19: Using the first calibrator of the night for the initial setup
No CLIMB tonight. This is our first night tracking with
VEGA.
Initial OPLE offset: -5650
We see fringes and do the initial setup

V52 (N. Nardetto)

UTC03:47: HD213306CAL1E2E1.2014.08.29.03.17 (HD 214734 cal for HD 213306)
20 blocks
For some reason, half way through the series (block 10 -
13?) the shutters were closed. Apparently, some guys are
doing some alignments and don't bother asking for permission.
VEGA track rate: 5 sec, coeff "+1"

UTC04:05: HD213306E2E1.2014.08.29.03.57 (science target HD 213306)
Initial OPLE offset: -5750
VEGA track rate: 5 sec, coeff "+1"
20 blocks

UTC04:17: Lost the VEGA control GUI (during a "setup Vega"). Restarted

UTC04:18: HD213306CAL1E2E1.2014.08.29.04.17 (HD 214734 cal for HD 213306)
Initial OPLE offset: -5820
VEGA track rate: 5 sec, coeff "+1"
20 blocks

UTC04:32: HD213306E2E1.2014.08.29.04.32 (science target HD 213306)
Initial OPLE offset: -5880
VEGA track rate: 5 sec, coeff "+1"
20 blocks
Seeing is on the rise: r0 ~ 10 cm

UTC04:53: HD213306CAL1E2E1.2014.08.29.04.47 (HD 214734 cal for HD 213306)
Initial OPLE offset: -5910
VEGA track rate: 5 sec, coeff "+1"
20 blocks

UTC05:01: D_R2700.2014.08.29.05.01 (spectral calibration)

V64 (P. Stee)

UTC05:10: HD177724E2E1.2014.08.29.05.06 (science target HD 177724)
Initial OPLE offset: -5610
VEGA track rate: 10 sec, coeff "+1"
90 blocks

UTC05:50: The guys that set up the test camera for CLIMB can make
CLIMB available to us again. They need to intervene on the
system and remove a mirror that currently obstructs the
light to CLIMB. We've given our green light to this change
as soon as the current series of 90 blocks is over.

UTC06:01: D_R1656.2014.08.29.06.01 (spectral calibration)

V62 (A. Meilland)
HD 209409

UTC06:41: HD209409E2E1.2014.08.29.06.30 (science target)
40 blocks
The seeing degraded. r0 ~ 7 cm

UTC07:00: D_R2656.2014.08.29.07.00

V61 (L. Bigot)
HD 9270

UTC07:18: HD9270E2E1.2014.08.29.07.07 (science target)
In the high resolution mode requested, the fringe signal
does not appear in the VEGA FT display.
We checked the medium resolution image, and found the fringe
peak in the right place. We decided to go ahead and take the
sequence ... but without tracking.
60 blocks.

UTC07:49: D_R1849.2014.08.29.07.47 (spectral calibration)

V60 (N. Nardetto)
HD 360

Configuration: E2/V1/POP1 E2/V2/POP2 W2/V3/POP5 + CLIMB

UTC07:51: About to switch to 3T mode for this part of the night.
Norm informs us that there is a bad noise coming out of the
W2 cart when in the lab (Theo noticed it earlier), so we are
encouraged to use W2 as a reference. This means that it may
be more difficult to see the fringes in the VEGA display
since the baselines are longer.

UTC08:00: Norm is doing the alignment of NIRO for CLIMB
Looking for fringes on a check star (HD 213998), too far
west to scan with E1... but got offset for E2 around 850 um.

UTC08:16: Moving to the first calibrator for this program.

UTC08:24: Norm could not find the fringes scanning E1 on the cal.
It is already getting late for this one (HD 219402), so we
decide to move on and switch to HD 6530.

UTC08:19: Found the offset for the fringe E1: -4000 um

UTC08:45: We are on the calibrator (HD 6530), fringes are present in 1
out of 4-5 frames on CLIMB.

UTC08:58: Don't see anything in the VEGA FT GUI. This configuration is
really tricky. The seeing is not particularly good.
We give up. We switch back to 2T E1E2.

V62 (A. Meilland)
HD 209409

Configuration: E2/V1/POP1 E2/V2/POP2 + CLIMB

UTC09:16: Even in this short-baseline configuration, the CLIMB signal is not that great.

UTC09:22: HD209409E2E1.2014.08.29.09.07 (science target)
offset: -4520 um
The tracking with CLIMB shows a lot of "piston"
60 blocks

Note: Given the current conditions, it is tricky to figure out how to best use the observing time, with programs that seem to require "+ conditions". Might want to consider setting up some kind of catalog of authorized bright and easy backup objects, to make good use time in such observing conditions.

UTC09:51: HD209409E2E1.2014.08.29.09.49 (science target)
Not much we can do here, so we take another point on the same target.
60 blocks.

UTC10:20: D_R2656.2014.08.29.10.20 (spectral calibration)

V52 (N. Nardetto)

UTC10:45: HD213306CAL1E2E1.2014.08.29.10.27 (HD 214734 cal for HD 213306)
20 blocks
offset: -6080 um
B1: -0.36

UTC11:00: HD213306E2E1.2014.08.29.10.59 (science target HD 213306)
20 blocks
Sudden improvement of the seeing at the beginning of the sequence.

UTC11:19: HD213306CAL1E2E1.2014.08.29.11.16 (HD 214734 cal for HD 213306)
20 blocks

Given how much time we have left, and the risks of time loss associated with another change of configuration, we decide to stick to this object for the end of the night.

UTC11:38: HD213306E2E1.2014.08.29.11.31 (science target HD 213306)
20 blocks

UTC11:52: HD213306CAL1E2E1.2014.08.29.11.50 (HD 214734 cal for HD 213306)
20 blocks

UTC12:03: D_R2700.2014.08.29.12.03 (spectral calibration)