

Log CHARA/VEGA 2014-07-06

Night 06/07/2014

Observers: Anthony, Narges & Norm
(CHARA)

-CONFIGURATION: E2 E1 W2+ POP2 POP 1 POP5-

Cophasing on κ Dra (HD109387), r0 is around 10cm

UT 4:30 AM still searching for fringes on CLIMB, maybe some problems with CLIMB

UT 4:37 AM fringes on CLIMB

UT 4:52 Problem with LDCs. Norm is going to calibrator to try to fix this problem.

UT 5:06 Norm could not solve problem with CAL, switch to the check star again.

r0 is 8cm. There are clouds at the moments. R0 is decreasing.

UT 5:30, Norm is in SCI target, the fringes are too faint and they move a lot.

UT 5:33 he is going to CAL which is a bit fainter. r0 is around 5cm.

We go to Nicolas's program in 2T (E1E2), brighter star.

VEGA_OFFSET_B1=-0.35

VEGA_OFFSET_B2=0.02

« CONFIGURATION: E2 E1+ POP2 POP 1 »

V52 (Nicolas Nardetto)

UT 5 :46 alignment on target. r0 is around 3cm. The number of photons are too low.

UT 0:10 Start recording on VEGA. HD214734, Cal1 of HD213306. r0 is around 2cm.

UT 6 :18 fringes on CLIMB, but they are moving. Fringes on VEGA are not aligned and too faint.

UT 6 :20 the number of photons around 170. Still fringes on VEGA are too faint.

HD213306CAL1E2E1.HD214734. 2014.07.06.05.44:

UT 06 :25 start recording in 750nm.

r0 is around 4cm right now.

Fringes are too faint on VEGA. On CLIMB fringes are moving.

HD213306E2E1.HD213306. 2014.07.06.06.39:

UT 6 :40 : Fringes on CLIMB but not so stable. The number of photons are too low 103, UT

6 :43 Losing fringes on CLIMB. There are some clouds. The number of photons : 400.

UT 6 :44 Recording

Very faint fringes on VEGA at this moment. R0 is around 3cm.

HD213306CAL1E2E1.HD214734. 2014.07.06.06.54:

UT 06 :56 Fringes on CLIMB are so bad.

UT 06 : 58 recording. Fringes on VEGA are too faint. The number of photons around 100.
R0 is around 4cm.

HD213306E2E1.HD213306. 2014.07.06.07.10:

UT 7:09 fringes on CLIMB and not so stable.

UT 7 :11 Recording. Fringes on VEGA are too low.

R0 is around 4cm.

HD213306CAL1E2E1.HD214734. 2014.07.06.06.54:

UT 7 :24 recording. Fringes on CLIMB are moving.

R0 is 5cm. No fringes on VEGA.

Density on red camera : 2

- [D_R2750.2014.07.06.07.35](#)

V62(Anthony

HD209409E2E1.HD209409. 2014.07.06.07.43:

UT 7 :47 aligning

R0 is around 5cm. Restarting.

UT 8 :05 Fringes in right position. The fringes on VEGA are so bright.

R0 is around 5cm.

Fringes on CLIMB are not stable.

- [D_R2656.2014.07.06.08.25](#)

Density on red : 0.6

Density on blue: 0.3

V52 (Nicolas Nardetto)

HD213306CAL1E2E1.HD214734. 2014.07.06.08.31:

R0 is around 5cm.

Fringes on CLIMB are not good and moving.

Fringes on VEGA are so bright and they came so fast.

HD213306E2E1.HD213306. 2014.07.06.08.53:

R0 is around 5cm.

UT 08 :54 Fringes on CLIMB.

UT 08 : 56 Recording. Nice fringes on VEGA.

R0 is around 6cm.

HD213306CAL1E2E1.HD214734. 2014.07.06.09.06:

UT 09:09 Fringes on CLIMB. Pretty stable.

UT 09:09 Recording

Fringes on VEGA are coming.

R0 is around 5cm.

Very nice fringes on VEGA.

HD213306E2E1.HD213306. 2014.07.06.09.24:

R0 is 5cm. Fringes on CLIMB are quite stable.

Fringes on VEGA are very bright and nice as usual ☺

UT 09 :27 Recording

HD213306CAL1E2E1.HD214734. 2014.07.06.09.35:

UT 09 :37 Recording.

Nothin on the 10 first blocks. We add 5 blocks.

R0 is around 4cm.

Fringes on CLIMB are moving a bit.

Fringes on VEGA are coming.

- **D_R2720.2014.07.06.09.55**
The name is not good it should be R2700.

Density on the red :2

V64 (Philippe Stee)

HD177724E2E1.HD177724. 2014.07.06.10.00:

Fringes on VEGA, but they are faint.

Fringes on CLIMB are quite stable.

R0 is around 4cm.

UT 10 :07 Recording.

UT 10 :11 fringes on VEGA are pretty bright now.

- [D_R777.2014.07.06.09.55](#)

« CONFIGURATION: E2 E1 W2+ POP2 POP 1 POP 5 »

V57 (Olivier)

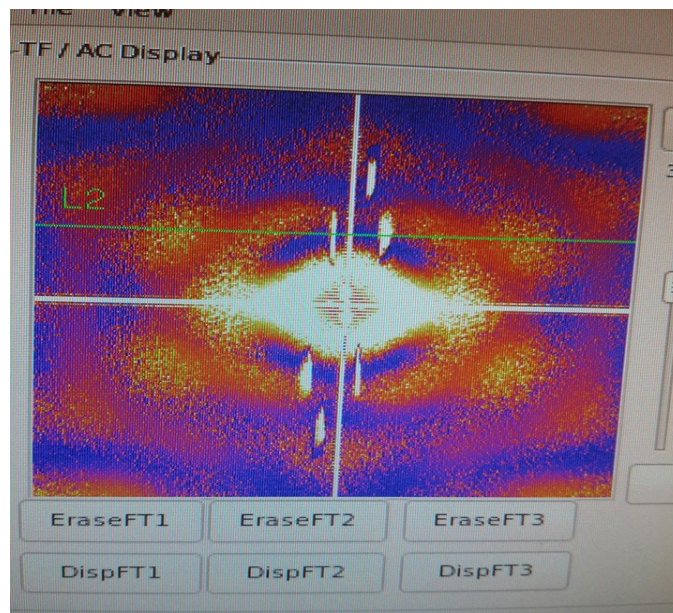
HD224014CAL1E2E1W2.HD3360. 2014.07.06.10.43:

r0 is around 4cm.

UT 10 :44 aligning on CLIMB. Fringes on VEGA are bright.

UT 10 :50 Fringes on CLIMB, they are quite stable.

UT 10 :51 try to align on VEGA. Fringes on VEGA are very very veryyyy nice ☺ we could see three picks...\o /

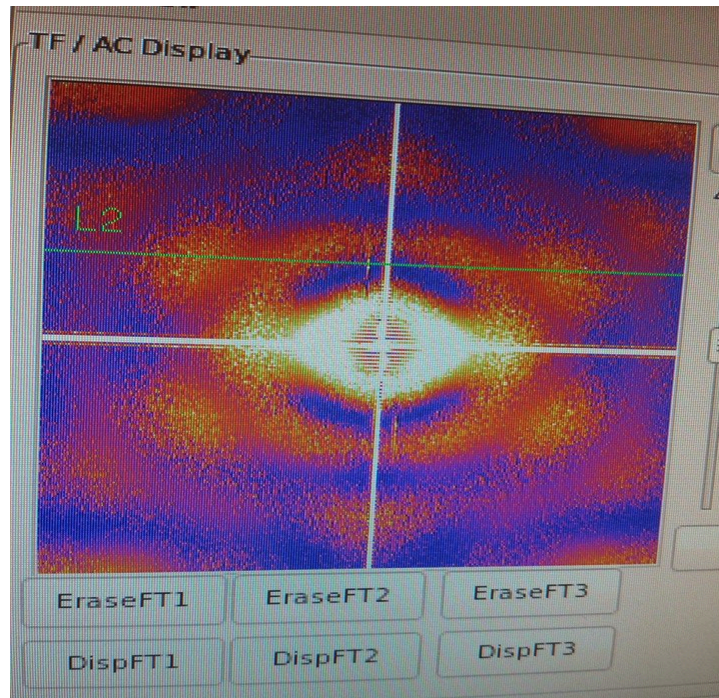


HD224014E2E1W2.HD224014. 2014.07.06.11.04:

UT 11 :06 Fringes on CLIMB. quite stable.

R0 is around 4cm.

Almost one of fringes are visible.



HD224014CAL1E2E1W2.HD3360. 2014.07.06.11.19:

UT 11 :20 Rcoding.

So nice and bright fringes.

Fringes on CLIMB are very stable.

HD224014E2E1W2.HD224014. 2014.07.06.11.33:

UT11 :35 recording. We just see one of fringes.

Fringes on CLIMB are quite stable.

R0 is around 4cm.

HD224014CAL1E2E1W2.HD3360. 2014.07.06.11.46:

Fringes on CLIMB are quite nice and stable.
UT 11 :47 Recording.
Very nice fringes on VEGA. We see all three fringes.

- [D_R2700.2014.07.06.12.06](#)
Density on red : 1.5

The end...