

**OBSERVING LOG CHARA/VEGA 2019-07-10**  
**Observers:** Frédéric et Roxanne, live from Calern  
Olli on the mountain

**UT03h10:** We are here and we open.  
Tests with AO until UT03h54.

**Configuration S1-POP3-B1 W1-POP3-B3**  
**V01 - Ligi**

Target = HD133112/HR5599  
Cal1 = HD129956  
Cal2 = HD154445 or HD133008

**UT03h55:** we start. We begin with the LABAO star HD129502.

**UT04h16:** we go to cal 1. A bit difficult to find the fringes. They are a bit weak, waterfall not very stable on CLIMB.

**HD129956.2019.07.08.04.38**

S1 = -1780, CLIMB\_B2 = 4.21

r0~11-12 cm. 20 blocs.

**UT04h50:** we go to the target. Niro and OPLE trouble.

**UT04h55:** ok. Fringes. Recording.

**HD133112.2019.07.08.04.55**

S1 = -1010, CLIMB\_B2 = 4.21

r0~10 cm. 30 blocs. Fringes rather stable on CLIMB, and we see them on VEGA as well.

**UT05h09:** back to cal 1.

**UT05h16:** hum, fringes have moved a lot. Apparently they might have lost contact with ople when it has been restarted. We finally find them.

**HD129956.2019.07.08.05.23**

S1 = -1550, CLIMB\_B2 = 4.24

r0~12 cm. Fringes not very stable on CLIMB. 20 blocs.

**UT05h32:** back to the target.

**HD133112.2019.07.08.05.37**

S1 = -1610, CLIMB\_B2 = 4.24

r0~12 cm. Fringes move on CLIMB.

At the end r0~13 cm, but fringes move a lot.

**UT05h58:** back to cal 1.

**HD129956.2019.07.08.05.58**

S1 = -1300, CLIMB\_B2 = 4.28

r0 at 15 cm!

**UT06h07:** back to target.

**HD133112.2019.07.08.06.10**

S1 = -1360, CLIMB\_B2 = 4.28

**UT05h23:** back to cal 1.

**HD129956.2019.07.08.06.27**

S1 = -1800, CLIMB\_B2 = 4.30

r0 at 12 cm.

Spectral calibration **D\_CMR720.2019.07.08.06.37**

**Configuration E1-POP1-B1 E2-POP2-B2 W2-POP5-B3**  
**V52 - Nardetto**

Target = T Vul/HD198726

Cal 1 = HD190993

Cal2 = HD196740

**UT06h45:** we go to the LABAO HD202109.

**UT06h50:** the pupil on E1-B1 is not good, like yesterday (but it was on S2-B1). So it seems to be a problem on the beam and not on the telescope or camera...

**UT07h05:** no flux at all on B1 anymore.

**UT07h16:** we try with the write lamp: we have flux on B1 but not on B2 and B3!! We don't understand...it seems that our beams are all unsettled.

**UT07h39:** « call to a friend »: Denis says that it could simply be the entrance cover that was not removed after the tests.

**UT07h46:** Olli removed the cover, but still no flux.

**UT07h53:** zoot crash on the mountain side :-S Olli has to stop and start again everything.

**UT08h14:** still nothing...

We go to the star VEGA. Doing some tests...still no flux. The problem might come from the M6 mirror..?

**UT09h20:** We change the program, using only B2-B3.

**Configuration E2-POP2-B2 W2-POP5-B3**  
**V67 - Creevey**

Target = HD183124

Cal 1 = HD187235

Cal 2 = HD177003

Cal 3 = HD183534

**UT09h28:** we start with the LABAO HD186882.

**UT09h54:** still no fringe, the cal 1 might be too faint (although we did the check on this cal last night). We switch to cal 3 which is brighter.

**UT10h04:** No fringes. Re-homing carts...

We try HD184875, then the LABAO. Nothing, Nothing. Nothing.

**UT11h30:** we close. Fringes have disappeared in another galaxy far far away...

END OF THE NIGHT  
END OF THE RUN