

Log CHARA/VEGA 2015-06-06
Observateurs : Roxanne & Orlagh, Nic sur la montagne.
VEGA + CLIMB

UT 3h15 : Tout est normal avec la camera. Humidite reached about 60 % but seems to be descending.

UT 3h30: Check star kappa Dra HD109387

UT 3h37: qq chose bloque W1

UT 3h45: checking pupils but couldn't see anything. We reinitialized spectro. Couldn't see them so we continue so not to lose too much time.

*****Configuration E2-POP2 W2-POP5 W1-POP3*****

UT 4h00 : Search for fringes on check star. Found them. Cophased.

B1 = 1.32 B2 = 0.88, offset E2 = 800, W1 = 4594

Programme V50 HD103095 (PI Creevey)

Obs : T - C2

UT 4h31: ~~HD103095CAL2W2W1E2.2015.06.06.03.39~~

Search for Cal 1. HD 104179. Difficulty finding fringes. Seeing not good. R0 between 2-6! couldn't lock fringes on w1. Just found them before deciding to change.... but SCREENs locked. Network slow. Had to close tracker and control and reopen... still slow. NETwork connection problems. Had to restart VPN....

UT 5h55: **HD103095W2W1E2.2015.06.06.05.52**

Finally recording on HD103095 but not much delay left. Beautiful fringes !! on climb :(so sad we lost so much time. Out of delay around bloc 22. kept recording till 25 but I think they're lost. Remove 22-25. Seeing not too good.

UT 6h:06: **HD103095CAL2W2W1E2.2015.06.06.06.06**

Go to CAL2: HD 110066. fringes: -220, 2744.

Programme V16 HD120198 (PI Perraut)

Obs : C2 – T – C2 – T

UT 6h:18 : **HD120198CAL4W2W1E2.2015.06.06.06.21.**

CAL4: HD 120874. Couldn't find fringes. Seeing not good and faint calibrator.

UT 6h:32 : **HD120198CAL2W2W1E2.2015.06.06.06.31**

CAL2 : HD 118214. Fringes at 07:43. Seeing at W2 not good (r0=2cm), but good for W1 (8-12cm), and not so good for E2 (5cm). Recording at 07:45 (I pressed start on obslog about 5 mins ago by mistake). Nice fringes on CLIMB. We see peaks on VEGA too. 40 blocks

UT7h:04 : **HD120198.W2W1E2.2015.06.06.07.04**

Target : HD120198. Small issue with NbPhot on R camera, but fixed it. Probably a pb d'affichage. Pic 1 Fringes on VEGA from beginning.

(OFFSETS : E2 : 300, W1 : 3654)

UT 07h27 **HD120198CAL2W2W1E2.2015.06.06.07.27**

CAL2 : HD 118214. Encore pb d'affichage (?) sur AlgolR. NbPhot=0,0,0,298,0,0,300. Pic 2 degueulasse.

UT 07h47 **HD120198W2W1E2.2015.06.06.07.48**

Target : HD120198. fringes at -47, 3719.

Programme V16 HD153882 (PI Perraut)

Obs : C1 – T – C1 – T – C2

cal1 =HD151862, cal2 = HD156653

UT 8h:10 : Check star HD 161868. Align pupils.

Offset E2: 867, W1: 2974, C_B1:1.32, C_B2: 0.84

UT 8h:32 : **HD153882CAL1W2W1E2.2015.06.06.08.10**

CAL1 : HD 151862. Difficult to find fringes, r0~5cm. Fringes on CLIMB not very stable. We see Pic 1 on VEGA. (offsets : 255, 2414). 30 blocks

UT 9h:02 : **HD153882W2W1E2.2015.06.06.09.01**

HD153882W2W1E2.2015.06.06.09.08

Target : HD 153868. Control Crashed. Relaunch. Recording. 40 blocks.(offset : 200, 2374). On ne voit pas grande chose sur VEGA, Pic 1 faible, on ne voit pas Pic 2. CLIMB pas stable.

UT 9h:32 : **HD153882CAL1W2W1E2.2015.06.06.09.28**

CAL1 : HD 151862. Fringes on CLIMB not very stable. We see Pic 1 on VEGA, 30 blocks.

UT 9h:52 : **HD153882W2W1E2.2015.06.06.09.52**

Target : HD 153868. (offset : -445, 2126). Humidity rising. Out of delay during block 28/29. Remove 28 maybe, but yes remove 29.

UT 10h:08 : **HD153882CAL2W2W1E2.2015.06.06.10.08**

CAL2 : HD 156653. (offset=-444, 2151). CLIMB fringes not very nice. Humidity 60-70 %, r0~2,5,10cm (W2,E2,W1). Weak Pic 1 on VEGA. Out of delay. Abort block 33.

Programme V16 HD188041 (PI Perraut)

Obs : T-C3

cal2 = HD188293, cal3 = HD194244

UT 10h:28 : **HD188041W2W1E2.2015.06.06.10.28**

Target : HD188041. 30 blocks. 10 :41. We see Pic 1 on VEGA. CLIMB fringes not very stable. Humidity rising.

UT 10h:48 : **~~HD188041CAL2W2W1E2.2015.06.06.10.55~~**

HD188041CAL2W2W1E2.2015.06.06.10.57

CAL2 : HD188041. Binary !!!! similar magnitudes

Go to Cal3 : HD 194244. Humidity rising, we record quickly before we have to close.

CLIMB fringes not very stable. VEGA fringes not convincing. After 30 blocks we still don't see much. Seeing between 2-7 and humidity reaching 80 %. Maybe use CAL from last program.

Spectral calibration

UT 11:34

~~D_R7200.2015.06.06.11.21~~ Problem with flux, there was none.

D_R7200.2015.06.06.11.28