

Nuit du 2012.10.29
Observateurs : Narges, Isabelle
& Chris

CONFIGURATION :S1 S2 W2 + POP4 POP 4 POP 5

Cophasing on HD182640 *del Aql* a check star, r0 is around 18cm.

Begin at UT01 :43

Too many noise photons on the detectors about 30 in AlgolR and 200 in Algolnew.

Maybe problem of cooling. Still problem on detectors since r0 is 22cm. ☹. We are connecting with Denis.

Aborted the file.

CONFIGURATION :S1 S2 W2 + POP4 POP 4 POP 5

Begin at UT03 :40

Del Cep is out of time. Cophasing on HD224617 a check star, r0 is around 20cm.

Pb camera non résolu . tjrs 200 photons de bruit. On entreprend néanmoins de régler. r0 is around 24cm.

We continue with these noises. But peak for S2W2 is not visible.

Aborted the file

CONFIGURATION :E1 E2 W2 + POP2 POP1 POP 5

Adjustment on HD205435.

V49 OU And HD223460

HD214680, Cal3 of HD223460.

HD223460CAL3E2E1W2.2012.10.27.04.46 :

r0 is around 10cm. Big problem with detector ☹ because of noises, high temperature.

Aborted the file.

CONFIGURATION :E1 E2 + POP2 POP1

Adjustment on HD8799.

V12 YSOs HD50138

HD21364Cal1E1E2 2012.10.29.10.28 :

Aborted the file.

CONFIGURATION: E1 E2 + POP2 POP1

Adjustment on HD8799.

VEGA_OFFSET E1=-348
CLIMB_B1=-0.3

V12 YSOs HD50138

UT10 : 58 Starting recording on CLIMB, HD59881, Cal1 of HD50138.

HD50138Cal1E1E2 2012.10.29.10.38 :

r0 is around 13cm. Nice fringes and stable on CLIMB.

on enregistre les données climb en 3T car Chris a mis les 3 beams. The peaks are visible rapidly. We decrease 15 blks, 25 instead of 40.

r0 is around 11cm at this moment.

UT11 : 18 Starting recording on CLIMB, HD50138 Target.

HD50138E1E2 2012.10.29.11.14:

Star seems to be for CLIMB. visibility is so slow. r0 is around 10cm.

The fringes on CLIMB are not stable.

We put 29 blks instead of 60. Because this star it's too faint and no peak.

E1E2 is not good configuration for this star because is so faint, so we go to configuration S1S2 to record on CLIMB and VEGA for CAL1, HD59881.

CONFIGURATION: S1 S2 + POP4 POP4

r0 is around 18cm.

VEGA_OFFSET S1=-4.7MM
CLIMB_B1=-0.2
CLIMB_B2=-0.3

UT11 : 58 Starting recording on CLIMB, HD59881 CAL1 of HD50138 Target.

HD50138CAL1S1S2 2012.10.29.11.43:

r0 is around 18cm. Fringes on CLIMB are so stable and nice.

At blk=1 peak is visible. r0 is around 22cm.

40 blk is too much because SNR is good 11.1.

So we put 20 instead of 40.

UT12 : 15 Starting recording on CLIMB, HD50138 Target.

HD50138S1S2 2012.10.29.12.10:

We have very nice and stable fringes on CLIMB. r0 is around 23 cm.

We see the effect of piston on fringes on CLIMB. r0 is around 24cm.

We put 20 more blks, 80 instead of 60. Since condition is very good, r0 is around 25cm, but there is no peak. Fringes on CLIMB are very good right now.

UT13 : 05 Starting recording on CLIMB, HD46487 CAL2 HD50138 Target.

HD50138CAL2S1S2 2012.10.29.13.01:

r0 is around 25cm. We have about 20 photons noise on Algolnew.

At blk=3 we can see peaks. r0 is around 25cm.

We put 15 blks instead of 40.

Fringes on CLIMB are very nice and peaks are clear.

D_R2656.2012.10.29.13.22

End at 13 :30

Just one point ☹ ☹ ☹