

Night 25/10/2014
Observers: Roxanne & Narges & Nic
(CHARA)

UT 2:07 humidity is around 40%

CONFIGURATION: E2 S2 W2 +PoP1 PoP2 POP5

UT 2:25 Cophasing on HD209747.

UT 2:32 we had problem with Red detector. There was no photon in this detector.

Now it is working, the connection was so slow.

R0 is almost 10cm.

Climb _Offsets : S2=6380, W2=-2588
Climb _Mirrors : B1=-0.38, B2=-0.30

~~V01 Hot Stars HD 209458 (R. Ligi)~~

Note: HD 214698 is CAL8 but we call it call 7.

*****HD 214698 Cal7 of HD 209458*****

HD 209458CAL7E2S2W2.2014.10.24:

UT 2:57 fringes on CLIMB very faint though. fringes at 6382/-2579.

Fringes on CLIM are moving.

UT 3:04 fringes on CLIMB are more stable. Difficulty to find fringes on VEGA. So slewing on another CAL.

*****HD 209459 Cal7 of HD 209458*****

HD 209458CAL7E2S2W2.2014:

UT 3:25 fringes on CLIMB. fringes at 5625/-2971.

UT 3:29 fringes 12 are not in right position. Moving them.

UT 3:46 fringes are pretty weak on 12.

S2 metrology just got really bad. Nic has to rehome it.

UT 3:59 still waiting for Nic ☹

UT 4:04 He has to rehome a second time.

UT 4:06 He got a good metrology signal.

UT 4:22 S2 cart is stuck

We have to switch to another configuration without S2.

CONFIGURATION: E2 E1 W1 +PoP3 PoP1 POP4

UT 4:57 alignment on HD209747. We didn't see pupils because ICS was down we reopen it but it was not possible to see the pupils. R0 is very low.

Climb _Offsets : S2=6380, W2=-2588
Climb _Mirrors : B1=-0.38, B2=-0.30

~~V01 Hot Stars HD 209458 (R. Ligi)~~

*****HD 214698 Cal5 of HD 209458*****

~~HD 209458CAL1E2E1.2014.10.24.07.53:~~

The CAL is so faint to find fringes on CLIMB. The wind also is raising up. Slewing to another program

CONFIGURATION: E2 E1 +PoP3 PoP1

We use HD 18411 Cal of HD 22928 to do alignment.

V38 Delta Per HD 22928 (Mounir)

*****HD 18411 Cal1 of HD 22928*****

HD 22928CAL1E2E1.2014.10.24.05.36:

R0 is dropping to 4cm. fringes at -292. The fringes on VEGA but not good position.

UT 5:53 We start moving them.

UT 5:58 Recording. Very bright fringes on VEGA. 10 blocks instead of 20.

HD 22928E2E1.2014.10.24.06.00:

Very bright fringes on VEGA and CLIMB.

Recording: 06:03.

*****HD 18411 Cal1 of HD 22928*****

HD 22928CAL1E2E1.2014.10.24.06.13:

UT 6:15 we have bright fringes on VEGA. We don't have fringes on CLIMB yet.

Fringes on CLIMB.

UT 6:17 Recording

V27 epsAur HD 31964 (D. Mourard)

HD 31964E2E1.2014.10.24.06.49:

R0 is around 4cm. Fringes on CLIMB. fringes at 330. So bright ones. We have very low number of photons on both detectors in spit of bright fringes on CLIMB. The number of photons are very low 127 on red detector. The peak is very faint.

UT 7:12 recording.

UT 7:33 R0 is around 6cm. Fringes on CLIMB are moving a bit.

D_R2656.2014.10.24.07.39



~~V00 zetaTau HD 37202 (No idea for whom (A. Meiland!!))~~

*****HD 36819 Cal1 of HD 37202*****

HD 37202CAL1E2E1.2014.10.24.05.36:

The name of this file is written for S1S2, which is not true.

UT 7:57 some problems with the vega periscope. It just says 'moving'.

Problems with connection. Reopen every windows.

Nic unplugged it and plugged it back in, he tried the power button on the side of the box and the 'up/down' button.

it wouldn't move at all, the only thing that would happen it the green leds flash. it may be something minor, but not something Nic can do during the night.

The file HD 37202CAL1E2E1.2014.10.24.05.36 is aborted.

The end of very messy night!!