Nuit du 2013.11.01
Observateurs : Roxanne & Narges
& Norm

CONFIGURATION : W1 W2 E2 + POP5 POP 2 POP 2

~~**Program V01**~~
HD 184006, Cal1 of HD 185395
~~**HD185395CAL1W1W2E2.2013.11.01.02.36 :**~~
r0 is around 8cm.
UT02 :15 we have photons on the blue detector but problem with red detector.
At UT02 :35 there is photon on the red detector but not in the blue one. We start recording on red detector.
Waiting for the fringes on CLIMB.
Attention !!!!!!
UT03 :04 getting fringes was taking time, so go to check star HD3360
last file is **Aborted**.
Still waiting for fringes for check star on CLIMB. The problem with reference. E2 was reference telescope, so we had to move the fringes. Waiting for Norm.
UT03 :25…Fringes on CLIMB ☺ for check star
Fringes are stable.
We have first fringes on VEGA, we are waiting for the second one. The first fringes are very bright. The second fringes are coming but a bit far from the center. We will have to move them closer to the center.
We are doing cophasing.

OFFSET :
ClLIMB_B1=-0.299 micron ; ClLIMB_B2=0.999 micron
W1=955.7 micron E2=2513.4 micron

Program V60
HD 6530, Cal1 of HD 6976
HD6976CAL1W1W2E2.2013.11.01.03.12 :
UT :04 :50…
r0 is around 8cm.
Norm is saying that this star is too dim for aligning NIRO. Aligning done !
UT05 :10 …going to CAL1 again.
Norm still couldn't find the fringes on CLIMB. Annoying ☹
We saw the first fringes , they are quite bright. But the second ones are so faint. Still they are faint…The window has crashed in UT :5 :50 but after the end of recording.

HD6976W1W2E2.2013.11.01.05.52 :
Star HD6976…
UT :05 :55..Recording…The first fringes are coming.

R0 is increasing till 9cm…We don't see the second fringes. This star is faint so we should wait for the second fringes. We didn't have the second fringes. Recording finished.

HD6976CAL3W1W2E2.2013.11.01.06.36 :
HD7727 CAL3 of HD6976
Control crashed for CAL1 and star. Maybe because the blue detector was not working and didn't know the star and CAL. Error socket connexion on the blue camera. We try to restart it but it doesn't work. We have to close everything and reopen.
R0 ia around 8cm.
The blue detector is working now ☺ ☺
Recording. The first fringes came up so fast. We don't have second one yet.
UT06 :44…The second fringes are comi,g but not so bright.

HD6976W1W2E2.2013.11.01.06.50 :
R0 is around 9cm. The first fringes came very fast and so bright. No second fringes.
Recording finished in UT07 :06…

HD6976W1W2E2.2013.11.01.07.08:
UT07 :09, we start recording…The first fringes came so fast. No second fringes. We lost W1 delay on block 14 for 20 seconds. We disn't have the second fringes. recording finished.

HD6976CAL2W1W2E2.2013.11.01.07.22 :
HD 12573 CAL2 of HD6976
There are 624 photones in blue detector and 531 in red detector. The first fringes are very bright, the second ones also came quit fast but not as bright as last ones.

Program V16
HD 18883, Cal1 of HD 24712
HD24712CAL1W1W2E2.2013.11.01.07.45 :
Fringes on CLIMB at 1490 and 2590. Norm is going to check NIRO alignment on a brighter star (HD16970) meanwhile we are checking the alignment VEGA.
The fringes should will be moved a litte on VEGA, because they have already moved. There was a problem to get the fringes on CLIMB. We couldn't see on out computer. We have very low connection, so we can't see the second fringes any more.
We found good direction for the fringes.
We got the first fringes. they are pretty bright. The second ones diappearred, so we couldn't detect them.
UT09 :05…Recording..We have the first fringes. Block 7 to 17, fringes were not blocked. We were looking for the second fringes. We add 10 blocks.

HD24712W1W2E2.2013.11.01.09.25 :
r0 is around 12cm.
Fringes on CLIMB are quite stable. 2467 and 2540 for HD24712. From block 7 to 17 we are moving the fringes, but there nothing interesting.
We got the first image, but not the second one.
We found that both two fringes are in the same directtion.
So we need to use a bright check star in order to aligne CLIMB and VEGA.
Norm will use HD 38771 since it's too bright.
OFFSET :
ClLIMB_B1=-2.001 micron ; ClLIMB_B2=0.2 micron
B2=955.7 micron B3=2513.4 micron

Program V43

HD52265CAL1W1W2E2.2013.11.01.10.00 :
HD 49147 CAL1 of HD52265
The fringes on CLIMB are not stable.
2305 and 2532 for CAL1.
Recording. The first fringes are coming. The second fringes are coming. r0 is around 12 cm.Even we had the third fringes.

HD52265W1W2E2.2013.11.01.10.52 :
Fringes on CLIMB are stable.
2090 and 2526 for HD 52265
UT10 :57 First fringes are coming. The second fringes are not visibile yet.
R0 is around 11cm.
We got three fringes.

HD52265CAL2W1W2E2.2013.11.01.11.22 :
HD 49662 CAL2 of HD52265
Fringes on CLIMB. WE got two fringes. One of the mis quite bright and another one is a bit faint.

HD52265W1W2E2.2013.11.01.11.40:
UT11 :50..Fringes on CLIMB.
The first fringes are visibla but pretty faint. The second fringes is coming but so faint.
R0 is around 13cm.

HD52265CAL1W1W2E2.2013.11.01.12.18:
HD 49147 CAL1 of HD52265
UT12 :16…Fringes on CLIMB. 2070 and 2660 for HD 49147.
The first fringes are clear, the second fringes are so faint. r0 is around 14cm.

HD52265W1W2E2.2013.11.01.12.34:
1820 and 2690 for HD52265.
We have some peaks on the flux PRIMARY tracker and on the ALGOLR as well.
The first fringees arecoming but not so bright.

~~**HD52265CAL1W1W2E2.2013.11.01.13.03:**~~
HD 49147 CAL1 of HD52265
It's out of delay.
We stop it.
Aborted.

The file of Spectral Calibration : D_R2720.2013.11.01.13.09