Nuit du 2013.11.02
Observateurs : Roxanne & Narges
& Chris

CONFIGURATION : W1 W2 E2 + POP5 POP 2 POP 2
Our check star would be the CAL of HD185395, it's bright enough.
UT02 :04 fringes on CLIMB.
OFFSET :
W1=8551 micron…
E2=2735 micron…

Program V01

HD185395CAL1W1W2E2.2013.11.01.01.45 :
HD184006 CAL1 of HD185395.
Fringes on CLIMB are so stable.
First block whitout B3. R0 is around 9 cm.
The fringes on VEGA are very bright and nice ☺ cool starting ;)

HD185395W1W2E2.2013.11.01.02.19 :
UT02 :20 Fringes on CLIMB. Very stable.
Recording.
The first fringes on VEGA came so fast. UT02 :23.The second fringes are coming, but a bit faint. UT02 :30…Finished !

HD185395CAL1W1W2E2.2013.11.01.02.33 :
HD184006 CAL1 of HD185395.
R0 is around 9cm.
UT02 :34 fringes on CLIMB. The fringes on VEGA are coming so fast.
One of them so bright and another one quite faint.
UT02 :36…Recording.
UT02 :44 Recording finished.

HD185395W1W2E2.2013.11.01.02.47 :
r0 is increasing till 12cm.
Fringes on CLIMB.
The first fringes already are visible. The second one also is coming.
Recording.

HD185395CAL1W1W2E2.2013.11.01.03.00 :
The fringes on VEGA is coming. But still we don't have fringes on CLIMB.
Chris has a NIRO lockup, so fringes a bit woved, but it's normal.
Fringes on CLIMB.
Fringes on VEGA.

Program V57

HD217476W1W2E2.2013.11.01.03.20 :

UT03 :23Fringes on CLIMB. They are stable.
The first fringes on VEGA are coming.
Recording. This star is calibrated with HD 184006, the CAL1 of HD185395 in Program V01 before and after.

Program V01

HD185395CAL1W1W2E2.2013.11.01.03.37 :

HD 184006 CAL1 HD185395
UT03 :42 Recording.
Fringes very fast. Nice fringes. r0 is around 8cm.

Program V57

HD217476W1W2E2.2013.11.01.03.53 :

Fringes on CLIMB are stable.
UT03 :57 Recording…We have big peaks on red detectot.
We stoped tracking on VEGA to see whether some thing will change. But still we have these peaks. So we kept tracking on VEGA. At block 8 we stop the VEGA tracker. But we still see the peaks on red detector.
We added 5 blockes. losting the star when transit happened from Block 18 to Block 20.
We have very big peaks starting at Block 20.
On block 25 the peaks have decreased.

HD217476CAL1W1W2E2.2013.11.01.04.11 :

HD3360 CAL of HD217476.
UT04 :17 fringes on CLIMB. They are quite stable.
R0 is around 9cm.
The both fringes are so bright.
We have the VEGA tracker on, we dont't have any peaks on red detector.
We have the third fringes ae well but not so bright.

HD224014W1W2E2.2013.11.01.04.41 :

We have quite big peaks on red detector. Close to transit.
Fringes on CLIMB. Very stable.
r0 is around 10 cm.
Stopping tracketr in block 8 because still we have peaks.
We have very very bright fringes.

HD224014CAL1W1W2E2.2013.11.01.04.54 :

HD3360 CAL of HD224014
CLIMB fringes. Very stable.
Very nice fringes. We don't have peaks on the red detector. So keep VEGA tracker.

HD217476W1W2E2.2013.11.01.05.08 :
UT05 :11…Fringes on CLIMB.
We have peaks on red detector. We didn't turn on the tracker.
The first fringes are visibile but so faint.

HD217476CAL1W1W2E2.2013.11.01.05.24 :
r0 is around 8cm.
UT05 :25 Fringes on CLIMB. so stable and nice.
We see fringes well. Even if we turned on tracker, no change on peaks. We have less peaks than before on red detector. Recording.
On Block 18 , losting the star.

Program V60
HD13468CAL1W1W2E2.2013.11.02.05.38 :
HD6530 CAL1 of HD13468
big peaks on red detector even if the tracker is off. We have this problem just in red camera not blue one. Peaks are very big. Fringes on CLIMB and so stable.
We see the first fringes easily but we don't see the second one.

HD13468W1W2E2.2013.11.02.06.05 :
Big peaks on red detector.
UT06 :06…Fringes on CLIMB. nice fringes.
Waiting for fringes.
UE06 :10.Recording
The first fringes are coming but so faint. not second one.

HD13468CAL4W1W2E2.2013.11.02.06.34 :
HD15633 CAL4 of HD13468
We have big peaks on red detector. Fringes on CLIMB are stable.
The fringes on VEGA are visibile but quite faint. Still very big peaks on red detector.

HD13468W1W2E2.2013.11.02.06.39 :
Fringes on CLIMB on UT06 :40…..The fringes are stable…r0 is around 11cm.
Again we have the same problem of big peaks on red detector. Tracker is off.
The first fringes are visible but quite faint. We don't have the second one yet.

HD13468CAL4W1W2E2.2013.11.02.06.52 :
HD15633 CAL4 of HD13468
Big peaks on red detector. UT06 :53 fringes on CLIMB.
Recording.The first fringes are coming but quit faint.

Program V16

HD24712CAL1W1W2E2.2013.11.02.07.07 :
HD18883 CAL1 of HD13468
r0 is around 11cm.
Fringes on CLIMB.
Big peaks on red detector.
Checking the fringes. Very nice fringes on VEGA.

HD24712W1W2E2.2013.11.02.07.37 :
Fringes on CLIMB.
We closed both of ALGOL new and opened again two of ALGOLs.
For 192.168.3.162 Algolb we have a warning high temperature. On 192.168.3.161 is fine.
Now in ALGOL new B we have big peaks and not on the ALGOL new R.
Cheaking the fringes.
UT07 :50…Fringes on CLIMB. Stable.
We have fringes on VEGA.

HD24712CAL1W1W2E2.2013.11.02.08.26 :
HD18883 CAL1 of HD13468
Fringes on CLIMB. They are stable as before.
Peaks on Blue detector.
Recording.
The first fringes came so soon. The second one came but a bit later and less bright.

HD24712W1W2E2.2013.11.02.08.46 :
r0 is around 11cm. Fringes on CLIMB. quit stable.
UT08 :50..Recording. Very nice fringes on VEGA.
The fringes are bright. Peaks on Blue detector.

HD24712CAL2W1W2E2.2013.11.02.09.20 :
HD32996 CAL2 of HD24712
Fringes on CLIMB on UT09 :23, They are quite stable.
The first fringes are visible on VEGA and bright enough. The second fringes are faint.
We need spectral type. Recording. It's realy true that peak are in blue detector.

Spectral Calibration : D_R2720.2013.11.02.09.43

CONFIGURATION : E2 E1 + POP3 POP 1
We do alignment on CAL1. The fringes on VEGA are so bright.
We will do coaphasing on CAL1 of HD31293.
Still we have peaks on blue detection.
For 2T beam23 we moved the fringes to left side.

Program V12

HD31293CAL1E2E1.2013.11.02.09.50 :
Fringes on CLIMB. Fringes are so stable.
We got too bright fringes on VEGA. Peaks on blue detector.

HD31293E2E1.2013.11.02.11.10 :
For this star we will do record on CLIMB and VEGA.
r0 is around 10cm. Peaks on blue detector. There are very low number of photon for this star.
N_photon=192 in red detector and 400 on blue detector.
We have fringes but a bit faint. We are in block 74 and fringes are quite bright.

HD31293CAL1E2E1.2013.11.02.12.01 :
r0 is around 11cm. Recording on CLIMB finishe. Recording on VEGA UT12 :00…
peaks on blue detector. The fringes on VEGA are visible. We have peaks on red detector.

HD31293E2E1.2013.11.02.12.18 :
r0 is around 12cm. We have big peaks on blue detector and smaller ones on red detector.
N_photons on red detector=180 and on blue=360
The fringes are so faint.

HD31293CAL1E2E1.2013.11.02.13.05 :
nice fringes on VEGA. big peaks on blue detector and smaller ones on red detector.

Spectral Calibration : D_R2656.2013.11.02.13.28
