

Log CHARA/VEGA 2019-05-03

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Programme V38 - PI Salsi

Configuration E2 POP1 B1 - W2 POP5 B2 - W1 POP2 B3

Left Peak : E2W2, OFFSET = +150

Right Peak : W2W1, OFFSET= -300

- UT 03h10** Slewing to the **LABAO = HD85503**
- UT 03h20** Slewing to **check = Target = HD89021**
Night condition : Seeing 6cm
Looking for fringes
- UT 03h37** Cophased
- UT 03h38** Slewing to **CAL1 = HD85795**
Seeing improved 10cm
- UT 03h53** Locked
E2 = -3100 W2 = -260 B1 = 7.91 B2 = 5.75
Enregistrement [HD85795.2019.05.03.03.54](#)
20 blocks
Fringes are weak on CLIMB but strong enough on VEGA
- UT 04h04** Slewing to the Target **HD89021**
E2 = -3430 W2 = -160 B1 = 7.91 B2 = 5.75
Enregistrement [HD89021.2019.05.03.04.06](#)
Beautiful Fringes CLIMB and VEGA and Seeing 10 cm
- UT 04h16** Slewing to **CAL2 = HD90840**
E2 = -3130 W2 = -280
Enregistrement [HD90840.2019.05.03.04.21](#)
20 blocks
Good Fringes
- UT 04h04** Slewing to the Target **HD89021**
E2 = -3380 W2 = -160
Enregistrement [HD89021.2019.05.03.04.33](#)
Nice fringes, seeing 10cm
- UT 04h43** Slewing to **CAL1 = HD85795**
E2 = -3000 W2 = -310 B1 = 7.94 B2 = 5.77
Enregistrement [HD85795.2019.05.03.04.46](#)
20 blocks
D_CM720.2019.05.03.04.56

New Target HD97633

- UT 04h50** Slewing to **LABAO=HD97633**
Alignement Done
- UT 05h00** Slewing to **check = HD97633**
Checking for franges on VEGA
W2=-500 E2=-2780
Very good contrast
- UT 05h05** Slewing to **CAL2=HD92825**
E2 = - 2890 W2= - 420 B1=7.96 B2=5.75
Recording [HD92825.2019.05.03.05.09](#)
20 blocks
Seeing 12cm
- UT 05h15** Slewing to **target=HD97633**
E2 = - 2830 W2= - 530 B1=7.96 B2=5.75
Recording [HD97633.2019.05.03.05.21](#)
20 blocks
Fringes are Beautiful
- UT 05h25** Slewing to **CAL1=HD93702**
E2 = - 2610 W2= -720 B1=7.99 B2=5.75
Recording [HD93702.2019.05.03.05.36](#)
20 blocks
- UT 05h46** Slewing to **target=HD97633**
E2 = -2730 W2= - 580 B2=5.77
Recording [HD97633.2019.05.03.05.49](#)
20 blocks
- UT 05h59** Slewing to **CAL2=HD92825**
E2 = -2730 W2= - 540 B1=7.92 B2=
Recording [HD92825.2019.05.03.06.01](#)
20 blocks
Seeing 13 cm. But Fringes are weak
- UT 06h11** Slewing to **target=HD97633**
E2 = - 2730 W2= - 620 B1=8.00
Recording [HD97633.2019.05.03.06.14](#)
20 blocks
[D_CMR720.2019.05.03.06.25](#)

Programme V65 - PI Denis
Configuration E2 POP5 B1 - W2 POP5 B2 - W1 POP5 B3
Left Peak : E2W2, OFFSET = +150
Right Peak : W2W1, OFFSET= -300

UT 06h30 Slewing to the **LABAO = HD181276**
Alignment done

UT 06h35 Slewing to **check = HD147394**
locked, aligning NIRO

UT 06h37 Cophased
UT 06h38 Slewing to **CAL1 = HD177003**
E2 = - 2700 W2=-1290 B1= 7.83 B2=5.67
Recording [HD177003.2019.05.03.06.56](#)
30 blocks
Central control Frozen after changing the Number of blocks
Seeing 10cm, fringes are so-so, E2W2 are sometimes
disappearing on CLIMB

UT 07h04 Slewing to the Target **HD185912**
E2 = -2750 W2=-1350
Recording [HD185912.2019.05.03.07.14](#)
30 blocks
Poor contrast on E2W2 fringes with VEGA

UT 07h25 Slewing to **CAL1 = HD177003**
E2 = - 2870 W2=- 1030 B1=7.86 B2=5.69
Recording [HD177003.2019.05.03.07.32](#)
30 blocks
Done

UT 07h45 Slewing to the Target **HD185912**
E2 = - 2870 W2= - 1100
Recording [HD185912.2019.05.03.07.51](#)
30 blocks
Seeing 11cm

UT 08h05 Slewing to **CAL1 = HD177003**
E2 = - 2940 W2=- 830 B1=7.87 B2=5.69
Recording [HD177003.2019.05.03.08.12](#)
30 blocks
Good looking fringes Seeing 12cm

UT 08h25 Slewing to the Target **HD185912**
E2 = -2880 W2= - 930
Recording [HD185912.2019.05.03.08.27](#)
30 blocks

UT 08h37 Slewing to **CAL1 = HD177003**
E2 = - 3060 W2= - 630 B1=7.89 B2=5.70
Recording [HD177003.2019.05.03.08.45](#)
30 blocks

Better fringes with altitude

- UT 08h50** Slewing to the Target **HD185912**
E2 = - 2990 W2= -760
Recording [HD185912.2019.05.03.09.00](#)
30 blocks
- UT 09h12** Slewing to **CAL1 = HD177003**
E2 = -3160 W2= -530 B1= 7.90 B2=5.70
Recording [HD177003.2019.05.03.09.16](#)
30 blocks
- UT 09h25** Slewing to the Target **HD185912**
E2 = - 3070 W2= - 620
Recording [HD185912.2019.05.03.09.32](#)
30 blocks
- UT 09h45** Seeing is dropping ~8cm
- UT 09h45** Slewing to **CAL1 = HD177003**
E2 = - 3200 W2= - 440 B1=7.93 B2=5.71
Recording [HD177003.2019.05.03.09.53](#)
Central control Frozen again
!! The file is named with HD185912.
—> Bad file name <— bad star data
Seeing still 8cm
30 blocks
- UT 10h06** Niro is realigned on the Target
UT 10h45 OPLE restart
CLIMB seems to no communicate with OPLE
- UT 11h55** Slewing to **CAL1 = HD177003**
E2 = - 3350 W2= - 330 B1=8.17 B2=5.79
Recording [HD177003.2019.05.03.12.04](#)
LDC are not on.. OPLE forgot about them
ABORTED, discard this file
- UT 12h06** Slewing to the Target **HD185912**
E2 = - 3500 W2= - 210
Recording [HD185912.2019.05.03.12.20](#)
! There is no guarantee it is well cophased
30 blocks
- [D_CMR720.2019.05.03.12.35](#)