

Log CHARA/VEGA 2019-05-04

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Programme V01 - PI Ligi
Configuration E2 POP2 B1 - W2 POP5 B2
Left Peak : E2W2, OFFSET = +150

First Target HD97658 (P0)

- UT 03h10** Slewing to the **LABAO = HD89025**
- UT 03h30** Slewing to **check = HD95608**
Night condition : Seeing 9cm
- UT 03H35** Locked on the franges
- UT 03h45** Slewing to **CAL1 = HD96738**
E2 = - 3300 B1= 7.98 B2=5.79
Recording [HD96738.2019.05.04.03.58](#)
20 blocks
Waterfall is slightly pertubed
Seeing 10cm
- UT 04h05** Slewing to the Target **HD97658**
E2 = - 3390 B1=7.91
Recording [HD97658.2019.05.03.04.10](#)
40 blocks
Waterfall improved
- UT 04h25** Slewing to **CAL1 = HD96738**
E2 = - 3300 B1= 8.00
Recording [HD96738.2019.05.04.33](#)
20 blocks
Seeing dropped to 4cm
- UT 04h05** Slewing to the Target **HD97658**
E2 = - 3400 B1=
Recording [HD97658.2019.05.04.04.45](#)
40 blocks
Fringes dispersed, low seeing 5cm
- UT 05h05** **Niro realignement**

- UT 05h08** Slewing to **CAL1 = HD96738**
E2 = - 3260 B1=
Recording [HD96738.2019.05.04.05.11](#)
20 blocks → 23 blocks
Seeing 6cm, but waterfall seems correct
Seeing increased to 10 cm
- UT 05h20** Slewing to the Target **HD97658**
E2 = - B1=
Recording [HD97658.2019.05.04.05.23](#)
40 blocks
Record aborted
- UT 05h24** Target **HD97658**
E2 = - 3320 B1=
Recording [HD97658.2019.05.04.05.27](#)
40 blocks
From block 35 we Lost franges, back in block 37
Seeing increased to 13 cm
- UT 05h45** Slewing to **CAL1 = HD96738**
E2 = - 3190 B1= 8.02
Recording [HD96738.2019.05.04.06.08](#)
20 blocks
Seeing between 6 to 7 cm
- UT 06h15** Slewing to Target **HD97658**
E2 = - 3250 B1=
Recording [HD97658.2019.05.04.06.21](#)
40 blocks
Transient fringes at the end
Seeing 6-7 cm
- UT 06h40** **Central control issue**
Connexion seems Lost between ATLANTA and Mount Wilson
- UT 07h00** Slewing to **CAL1 = HD96738**
E2 = - 3970 B1=
Recording [HD96738.2019.05.04.07.02](#)
20 blocks Franges disapeared block 17
Seeing between 6 to 7 cm
Last calibrator bad not in the the good spectral resolution
We discarded this calibrator, sorry.

[D_CM720.2019.05.04.07.22](#)

Programme V38 - PI SALSI
Configuration E2 POP1 B1 - W2 POP5 B2 - W1 POP2 B3

Left Peak : E2W2, OFFSET = +150

Right Peak W2W1, OFFSET=-300

New Target HD114330 (P0)

UT 07h20 Slewing to **LABAO=HD112300**
Alignement Done

UT 07h25 Slewing to **check = target=HD114330**
Recording [HD114330.2019.05.04.07.52](#)
20 blocks
a bit late...out of Delay at block 8, no franges anymore

UT 08h00 **We change the POP2 to POP3 on W1**
E2 = - 2530 W2=-900 B1= 7.98 B2=5.74
Slewing to **CAL1=HD116831**
Recording [HD116831.2019.05.04.08.20](#)
20 blocks
Seeing 8cm

UT 08h30 Slewing to **target=HD114330**
E2 = -2430 W2=- 1200 B1=8.00 B2=5.74
Recording [HD114330.2019.05.04.08.34](#)
No more delay again
Only 9 blocks but with good SNR
Seeing 10 cm

UT 08h40 Slewing to **CAL1=HD116831**
Recording [HD116831.2019.05.04.08.45](#)
20 blocks

Programme V67 - PI CREEVEY
Configuration W2 POP5 B2 - W1 POP2 B3

Left Peak : W2W1, OFFSET = +150

W2 B2 POP5
W1 B3 POP1

CAL1=HD173936
CAL2=HD174481

TARGET = HD175740 (P0)

- UT 08h50 Slewing to **LABAO=HD112300**
Alignment Done
- UT 09h00 Slewing to **Check=HD180163**
Cophased 9h06
- UT 09h05 Slewing to **CAL1=HD173936**
W2=-500 B2=5.49
Recording [HD173936.2019.05.04.09.13](#)
20 blocks
- UT 09h25 Slewing to **TARGET=HD175740**
W2=-420
Recording [HD175740.2019.05.04.09.26](#)
20 blocks
Good waterfall, Seeing 10cm
- UT 09h35 Slewing to **CAL2=HD174481**
W2=-440 B2=5.51
Recording [HD174481.2019.05.04.09.40](#)
20 blocks
- UT 09h51 Slewing to **TARGET=HD175740**
W2= - 430
Recording [HD175740.2019.05.04.09.53](#)
20 blocks
Seeing 8cm
- UT 10h03 Slewing to **CAL2=HD174281**
W2=- 430 B2=
Recording [HD174281.2019.05.04.10.05](#)
20 blocks
Waterfall is not very good
- UT 10h51 Slewing to **TARGET=HD175740**
W2= - 430 B2=5.51
Recording [HD175740.2019.05.04.10.17](#)
20 blocks

UT 10h35 Slewing to **CAL3=HD167370**
W2=- 330 B2=
Recording [HD167370.2019.05.04.10.38](#)
20 blocks

D_CMR720.2019.05.04.10.48

New Target HD181597
CAL1=HD174481
LABAO=HD184006
CHECK=HD192514

UT 10h50 Slewing to **LABAO=HD184006**

UT 10h55 Slewing to **Check=HD192514**

UT 10h58 Slewing to **CAL1=HD174481**
W2=-340 B2=5.53
Recording [HD174481.2019.05.04.11.01](#)
20 blocks

UT 11h02 Slewing to **target=HD181597**
W2=-320
Recording [HD181597.2019.05.04.11.13](#)
20 blocks
Beautiful waterfall, seeing 10cm

UT 11h22 Slewing to **CAL1=HD174481**
W2= -310 B2=
Recording [HD174481.2019.05.04.11.24](#)
20 blocks

UT 11h34 Slewing to **target=HD181597**
W2= - 310
Recording [HD181597.2019.05.04.11.36](#)
20 blocks
Seeing 10 cm

UT 11h46 Slewing to **CAL1=HD174481**
W2= -270 B2=5.54
Recording [HD174481.2019.05.04.11.48](#)

20 blocks
Nice waterfall

CLIMB does not communicate with OPLE
We restart OPLE

UT 11h58 Slewing to **target=HD181597**
W2= -280
Recording [HD181597.2019.05.04.12.08](#)
20 blocks
Very Nice waterfall Seeing 12 cm

UT 12h15 Slewing to **CAL1=HD174481**
W2= - 250
Recording [HD174481.2019.05.04.12.19](#)
20 blocks

[D_CMR720.2019.05.04.12.31](#)