

Log CHARA/VEGA 2019-10-08

Observers: Fred (VEGA), Anthony (Slave), Norm (Mt Wilson)

UTC Time :

01:30 Arrival in the control room.

01:47 VEGA is ready

01:53 AOs done, ready for alignment, aligning VEGA.

01:58 VEGA is aligned.

S2 POP5 B1 S1 POP5 B2

V70 (R. Klement)

OPD offset : +150 μ m

Target = HD197345

LABAO = HD197345; Check = HD197345

HD197345.2019.10.08.02.05 => 40 blocks

S2 = 2110

CLIMB_B1 = 7.20

CLIMB_B2 = 4.58

AH = -1H10

R0 = 10cm

D_CHR656.2019.10.08.02.25

S1 POP1 B2 W2 POP5 B3

V01 (R. Ligi)

OPD offset : +150 μ m

Target = HD189733

Cal1 = HD190993, Cal2 = HD196740

LABAO = HD186791, Check = HD187811

HD190993.2019.10.08.02.56

S1 = -3350

CLIMB_B2 = 4.27

R0 = 4cm. R0 decline ... very bad seeing but fringes relatively stable on CLIMB.

HD189733.2019.10.08.03.11 => 40 blocks

S1 = -3200

CLIMB_B2 = 4.27

HD196740.2019.10.08.03.32

S1 = -3300

CLIMB_B2 = 4.27

R0 oscillates around 5 cm, but stable fringes on CLIMB

HD189733.2019.10.08.03.44 => 40 blocks

S1 = -3060

CLIMB_B2 = 4.27

HD190993.2019.10.08.04.11

S1 = -2880

CLIMB_B2 = 4.30

HD189733.2019.10.08.04.23 => 40 blocks

S1 = -2800

CLIMB_B2 = 4.30

HD196740.2019.10.08.04.42

S1 = -2900

CLIMB_B2 = 4.30

HD189733.2019.10.08.04.54 => 40 blocks

S1 = -2630

CLIMB_B2 = 4.30

HD190993.2019.10.08.05.14

S1 = -2500

CLIMB_B2 = 4.30

D_CM720.2019.10.08.05.24

S1 POP3 B2 W1 POP5 B3
V01 (R. Ligi)
OPD offset : +150 μ m

Target = HD209458

Cal = 210129

LABAO = HD196867, Check = HD196867

HD210129.2019.10.08.05.58

S1 = -1760

CLIMB_B2 = 4.20

R0 increased to 10cm

06:05 ZOOT crash !!!

HD209458.2019.10.08.06.23 => 40 blocks

S1 = -1390

CLIMB_B2 = 4.20

This point has been done with LDCs off

HD210129.2019.10.08.06.49

S1 = -1660

CLIMB_B2 = 4.24

R0 still around 11cm

HD209458.2019.10.08.06.59 => 40 blocks

S1 = -1630

CLIMB_B2 = 4.24

HD210129.2019.10.08.07.19

S1 = -1570

CLIMB_B2 = 4.24

HD209458.2019.10.08.07.30 => 40 blocks

S1 = -1560

CLIMB_B2 = 4.24

R0 = 12cm

From block 31 to 37, realigning the fringes

We added 7 more blocks

HD210129.2019.10.08.07.54

S1 = -1500

CLIMB_B2 = 4.24

→ STOPPED DURING RECORD. File to be removed

07.57 CLIMB is frozen, ZOOT problem again ... Olli has to restart ZOOT

Problem with S1 dome : it does not move anymore

S1 is out of order for tonight ... we must give up the program

D_CM720.2019.10.08.09.11

E1 POP1 B1 E2 POP2 B2 W2 POP5 B3

V38 (A. Salsi)

OPD offsets : +150 μ m, -300 μ m

Target = HD33904

Cal1 = HD32309, Cal2 = HD35505
LABAO = Target, Check = Target

09:30 I said to Olli to put « God (A. Salsi) » in the PI name for the joke, but he really wrote « God – Salsi ». Thank you Olli ! (and Fred is not very happy because he would have to change it at the end, hehehehe)

09:37 Olli : « Two zoot crashes in a row is strange, and now this S1 dome issue. I still haven't been able to get it to move »

10:01 Can't find fringes on VEGA

10:30 Lot of problems ... zoot crashes again, then fringes can not be found on both CLIMB and VEGA

10:53 We see the 2 peaks on VEGA !

HD32309.2019.10.08.10.54

E1 = 370

E2 = -3550

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

HD33904.2019.10.08.11.09

E1 = -40

E2 = -3700

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

HD35505.2019.10.08.11.20

E1 = 70

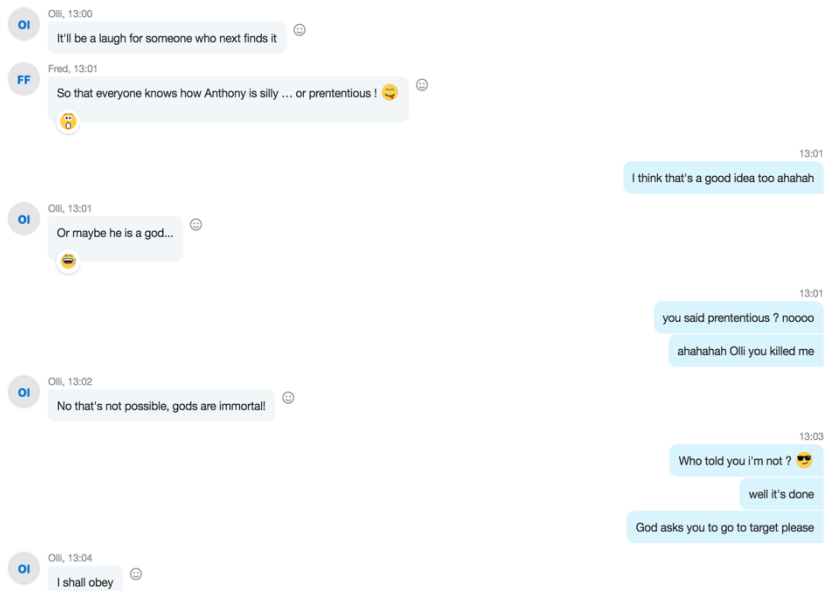
E2 = -3620

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

R0 = 10cm

D_CM720.2019.10.08.11.31



E1 POP1 B1 E2 POP2 B2
V38 (A. Salsi)
OPD offset : +150 μm

Target = HD33904

Cal1 = HD32309, Cal2 = HD35505

LABAO = Target, Check = Target

HD32309.2019.10.08.11.45

E1 = 3750

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

11:47 Power shutdown but PC quickly restarted

HD33904.2019.10.08.11.58

E1 = 3480

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

HD35505.2019.10.08.12.19

E1 = 3550

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

Very bad tracking on CLIMB

HD33904.2019.10.08.12.30

E1 = 3460

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

HD32309.2019.10.08.12.43

E1 = 3620

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

Very bad tracking on CLIMB

HD33904.2019.10.08.12.54

E1 = 3400

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

HD35509.2019.10.08.13.20 => R0 = 6cm

E1 = 3430

CLIMB_B1 = 6.55

CLIMB_B2 = 5.39

D_CM720.2019.10.08.13.32