

Log CHARA/VEGA 2019-10-05

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

UTC Time :

01:38 Arrival in the control room.

S2 POP4 B1, E2 POP5 B2

V01 (R. Ligi)

OPD offset : +150 μ m

Target = HD209458

Cal1 = HD210129; Cal2 = HD196740

LABAO = HD196867; Check = Cal2

02:18 Aligning VEGA.

02:23 Cophasing on HD196867, good check star.

HD196740.2019.10.05.02.29

S2 = 1490

CLIMB_B1 = 7.54

CLIMB_B2 = 5.43

R0 = 7cm.

Not so good tracking ...

HD209458.2019.10.05.02.44 => 40 blocks

CLIMB_B1 = 7.54

CLIMB_B2 = 5.43

HD210129.2019.10.05.03.05

CLIMB_B1 = 7.54

CLIMB_B2 = 5.43

HD209458.2019.10.05.03.19 => 40 blocks

S2 = 1710

CLIMB_B1 = 7.54

CLIMB_B2 = 5.43

R0 = 10cm. Seeing increases.

Fringes not visible on CLIMB from block 5 to 9, we add 5 more blocks.

Bad tracking ... fringes are transient on CLIMB.

HD210129.2019.10.05.03.44

S2 = 1560

CLIMB_B1 = 7.54

CLIMB_B2 = 5.43

HD209458.2019.10.05.04.01=> 40 blocks

S2 = 1490

CLIMB_B1 = 7.54
CLIMB_B2 = 5.43

Fringes are jumpy and transient on CLIMB ...

HD196740.2019.10.05.04.33

S2 = 1000
CLIMB_B1 = 7.54
CLIMB_B2 = 5.43
R0 = 10cm.

D_CM720.2019.10.05.04.44

S2 POP4 B1, E2 POP5 B2
V67 (O. Creevey)
OPD offset : +150 μ m

Target = HD185955
Cal1 : HD184171, Cal2 : HD187235
LABAO = HD186882; Check = 180163

HD184171.2019.10.05.05.10

S2 = 880
CLIMB_B1 = 7.55
CLIMB_B2 = 5.43

HD185955.2019.10.05.05.23

S2 = 900
CLIMB_B1 = 7.54
CLIMB_B2 = 5.43

We noticed that the config was not the needed one. It's the entire Anthony's fault, but everybody will excuse him because we know that he's not used to be PI of a run ... (and he's a little bit dumb too)

E2 POP1 B2, W2 POP5 B3
(O. Creevey)
OPD offset : +150 μ m

Target = HD185955
Cal1 : HD184171, Cal2 : HD187235
LABAO = HD186882; Check = 180163

HD184171.2019.10.05.06.03

E2 = -290
CLIMB_B2 = 5.19

Fringes jump a lot on CLIMB ...

HD185955.2019.10.05.06.25

E2 = -1100
CLIMB_B2 = 5.17
R0 = 5cm but very nice tracking, strange ...

06:26 Queen motivate us ! (MAMAAAAAAA OUHOUHOUHOUUUUUH)

HD187235.2019.10.05.06.38

E2 = -920
CLIMB_B2 = 5.18



06:42 tum tum tum ... ANOTHER ONE BITES THE DUST !

06:57 Server crashes

HD185955.2019.10.05.07.12

E2 = -830
CLIMB_B2 = 5.18

07:25 Server crashes again

HD184171.2019.10.05.07.31

E2 = -320
CLIMB_B2 = 5.19

07:48 Server crashes again

HD185955.2019.10.05.07.49

E2 = -830
CLIMB_B2 = 5.18

HD187235.2019.10.05.08.02

E2 = -320
CLIMB_B2 = 5.18
R0 = 4cm ...

D_CM720.2019.10.05.08.12

E2 POP1 B2, W2 POP5 B3

V01 (R. Ligi)

OPD offset : +150 μ m

Target = HD209458

Cal1 = HD210129; Cal2 = HD196740

LABAO = HD202109; Check = Cal2

08:36 Server crash

HD196740.2019.10.05.08.42

E2 = -50

CLIMB_B2 = 5.21

HD209458.2019.10.05.09.21 => 40 blocks

E2 = -2500

CLIMB_B2 = 5.22

R0 = 6cm

09:09 CLIMB crashes again and again ...

Norm : « REOPEN on CD kills CLIMB server »

Fringes jumped again

HD210129.2019.10.05.09.44

E2 = -2430

CLIMB_B2 = 5.22

D_CMR720.2019.10.05.09.54

E1 POP1 E2 POP1 B2 W2 POP5 B3

V38 (A. Salsi)

OPD offset : +150 μ m

Target = HD35468

Cal1 = HD37490; Cal2 = HD34203

LABAO = Target; Check = Target

HD37490.2019.10.05.10.44

E1 = -4430

E2 = -6660

CLIMB_B1 = 6.23

CLIMB_B2 = 4.97

Warning on this cal : weak peak 2

HD35468.2019.10.05.10.59

E1 = -4230

E2 = -6360

CLIMB_B1 = 6.28

CLIMB_B2 = 5.01

R0 = 13cm, seeing increased

Density 1 on both cameras

HD34203.2019.10.05.11.13

E1 = -4100

E2 = -6000

CLIMB_B1 = 6.29

CLIMB_B2 = 5.01

HD35468.2019.10.05.11.28

E1 = -3920

E2 = -6020

CLIMB_B1 = 6.34

CLIMB_B2 = 5.05

Density 1 on both cameras

Peak 1 lost from block 16

HD37490.2019.10.05.11.47

E1 = -3830

E2 = -5890

CLIMB_B1 = 6.40

CLIMB_B2 = 5.10

Warning on this cal : spread peak 2

HD35468.2019.10.05.12.03

E1 = -3440

E2 = -5510

CLIMB_B1 = 6.48

CLIMB_B2 = 5.16

Density 1 on both cameras

ABORTED, we lost fringes => File removed

HD35468.2019.10.05.12.19

E1 = -460

E2 = -2940

CLIMB_B1 = 6.57

CLIMB_B2 = 5.38

Density 1 on both cameras

Lost Peak 1 in the last block

HD37490.2019.10.05.12.34

E1 = -410

E2 = -2920
CLIMB_B1 = 6.57
CLIMB_B2 = 5.38

Lost Peak 1 from block 14 but peak 2 OK

D_CM720.2019.10.05.12.45

Target = HD11415
Cal1 = HD12301; Cal2 = HD10221
LABAO = Target; Check = Target

HD12301.2019.10.05.12.57

E1 = -430
E2 = -1800
CLIMB_B1 = 6.52
CLIMB_B2 = 5.38

HD11415.2019.10.05.13.07

E1 = -320
E2 = -1720
CLIMB_B1 = 6.52
CLIMB_B2 = 5.38

HD12301.2019.10.05.13.18

E1 = -310
E2 = -1720
CLIMB_B1 = 6.52
CLIMB_B2 = 5.38

D_CM720.2019.10.05.13.28