

Log CHARA/VEGA 2019-10-06

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

UTC Time :

01:35 Arrival in the control room. We have a network issue in Calern.
We start the observations from the Fred's office, but it's not very easy to manage ...

E2 POP2 B1 W2 POP5 B2 W1 POP2 B3

V52 (N. Nardetto)

OPD offsets : +150 μ m, -300 μ m

Target = HD198726

Cal1 = HD190993; Cal2 = HD196740

LABAO = HD195295; Check = Cal1

02:07 Start aligning VEGA

HD190993.2019.10.06.02.41

E2 = -2170

W1 = -1520

CLIMB_B1 = 7.60

CLIMB_B2 = 4.80

R0 = 12cm.

HD198726.2019.10.05.02.59

E2 = -2390

W1 = -1770

CLIMB_B1 = 7.60

CLIMB_B2 = 4.80

HD196740.2019.10.06.03.14

E2 = -2100

W1 = -1520

CLIMB_B1 = 7.60

CLIMB_B2 = 4.80

03:20 We finally fixed the network problem, we go back to the control room

HD198726.2019.10.05.03.28

E2 = -2050

W1 = -1550

CLIMB_B1 = 7.60

CLIMB_B2 = 4.80

HD190993.2019.10.06.03.49

E2 = -1420

W1 = -1030
CLIMB_B1 = 7.65
CLIMB_B2 = 4.82
R0 = 10cm.

Good tracking since the beginning of the observations
Weather conditions are pretty good

HD198726.2019.10.05.04.03

E2 = -1610
W1 = -1270
CLIMB_B1 = 7.65
CLIMB_B2 = 4.82

Peak 1 not very good ...

HD196740.2019.10.06.04.27

E2 = -1380
W1 = -1020
CLIMB_B1 = 7.65
CLIMB_B2 = 4.82

R0 = 8cm.

HD198726.2019.10.05.04.47

E2 = -1290
W1 = -1090
CLIMB_B1 = 7.68
CLIMB_B2 = 4.83

05:10 Pop change on E2 : 2 → 1

05:15 Climb died (first time today)

05:21 Norm : « same issue as last night, climb and ople don't speak »

HD196740.2019.10.06.05.28

E2 = -560
W1 = -780
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85

R0 = 8cm.

HD198726.2019.10.05.05.46

E2 = -580
W1 = -820
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85

D_CM720.2019.10.06.06.00

E2 POP1 B1 W2 POP5 B2 W1 POP2 B3

V65 (D. Mourard)

OPD offsets : +150 μm , -300 μm

Target = HD197770

Cal1 = HD201834; Cal2 = HD183534

LABAO = HD181276; Check = HD192696

HD183534.2019.10.06.06.30

E2 = -30

W1 = -1120

CLIMB_B1 = 7.66

CLIMB_B2 = 4.85

R0 = 12cm. Very good weather conditions.

20 blocks only, sorry !

HD197770.2019.10.05.06.42

E2 = -570

W1 = -1440

CLIMB_B1 = 7.68

CLIMB_B2 = 4.85

W1W2 peak well visible. E2W2 peak too.

HD201834.2019.10.06.06.59

E2 = -500

W1 = -1320

CLIMB_B1 = 7.68

CLIMB_B2 = 4.85

HD197770.2019.10.05.07.16

E2 = -370

W1 = -1370

CLIMB_B1 = 7.68

CLIMB_B2 = 4.85

Very good W1W2 and E2W2 peaks. Good tracking.

HD183534.2019.10.07.35

E2 = 330

W1 = -1050

CLIMB_B1 = 7.70

CLIMB_B2 = 4.91

HD197770.2019.10.05.07.53

E2 = -200

W1 = -1310

CLIMB_B1 = 7.70

CLIMB_B2 = 4.91

HD201834.2019.10.06.08.05

E2 = -150
W1 = -1660
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85

HD197770.2019.10.05.08.21

E2 = -50
W1 = -1290
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85

HD201834.2019.10.06.08.36

E2 = 40
W1 = -1110
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85
R0 = 14cm.

HD197770.2019.10.05.08.54

E2 = 90
W1 = -1240
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85
Peaks 1 & 2 are well visible.

HD201834.2019.10.06.09.10

E2 = 190
W1 = -1080
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85

HD197770.2019.10.05.09.26

E2 = 220
W1 = -1240
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85
Peaks 1 & 2 are well visible. Good tracking.
R0 = 14cm !!! No wind, very good weather conditions.

HD201834.2019.10.06.09.43

E2 = 320
W1 = -1040
CLIMB_B1 = 7.68
CLIMB_B2 = 4.85

D_CM720.2019.10.06.09.57

S2 POP5 B1 S1 POP4 B2
V27 (D. Mourard)
OPD offset : +150 μ m

Target = HD31964
Cal = HD32630
LABAO = Target; Check = Target

HD32630.2019.10.06.10.42

S2 = 1900
CLIMB_B1 = 7.89
CLIMB_B2 = 4.91

Lost peaks at blocks 5, 6 and 13, 14. We added 5 more blocks

11:07 Comms issues. Ople looks right but no fringe where it should be.

HD31964.2019.10.05.11.24

S2 = 1880
CLIMB_B1 = 7.90
CLIMB_B2 = 4.91

HD32630.2019.10.06.11.35

S2 = 1770
CLIMB_B1 = 7.90
CLIMB_B2 = 4.91

R0 = 10cm

HD31964.2019.10.05.11.47

S2 = 1810
CLIMB_B1 = 7.90
CLIMB_B2 = 4.91

HD32630.2019.10.06.11.58

S2 = 1700
CLIMB_B1 = 7.90
CLIMB_B2 = 4.91

HD31964.2019.10.05.12.12

S2 = 1820
CLIMB_B1 = 7.90
CLIMB_B2 = 4.91

HD32630.2019.10.06.12.23

S2 = 1730
CLIMB_B1 = 7.90
CLIMB_B2 = 4.91

HD31964.2019.10.05.12.34

S2 = 1850

CLIMB_B1 = 7.90

CLIMB_B2 = 4.91

HD32630.2019.10.06.12.45

S2 = 1810

CLIMB_B1 = 7.90

CLIMB_B2 = 4.91

HD31964.2019.10.05.12.55

S2 = 1910

CLIMB_B1 = 7.90

CLIMB_B2 = 4.91

HD32630.2019.10.06.13.06

S2 = 1890

CLIMB_B1 = 7.90

CLIMB_B2 = 4.91

D_CM656.2019.10.06.13.16

13:17 End of the night.