

**Observing Report VEGA 2016.12.10**  
**Fred, Orlagh (Calern) + Norm (Mountain)**

**Config for the December Run**

B1	B2	B3
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E1(P1)	E2(P2)	W1(P1)
S2(P5)	S1(P4)	
	W2(P5)	

**SUMMARY**

**Summary of observations:**

V66: HD37202 3pts S1S2 (not excellent)  
V67: HD6386 2 calibrated pts S1S2 (fringes not stable)  
V50: HD85503 1 calibrated pt S1S2 (fringes not stable)  
V50: HD107328 1 calibrated pt S1S2 (fringes not stable)

**Summary of problems:**

- Weather not excellent, started late, and while observing, weather was not very stable. Seeing around 4cm most of the night, so many gaps and we stayed on bright targets but BOF.
- E2 cable wrap was off the track and broken apart so E2 stowed

**01h30** High humidity so waiting, everything is AOK, and coffee is soooo good

**02h30** Still waiting

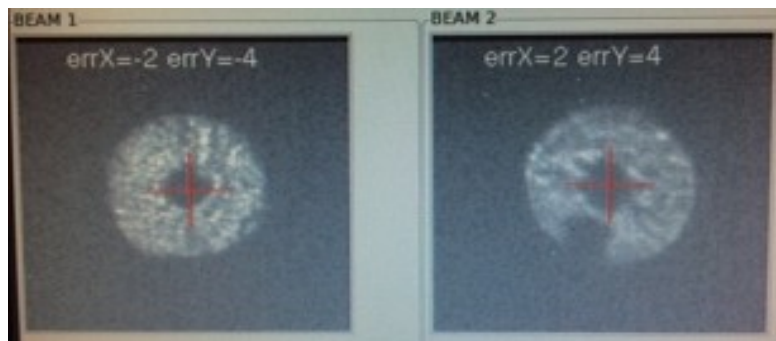
**03h00** Norm is opening telescopes

**1. V66 - BE SURVEY - ANTHONY**

E2 – Pop2 – B2    E1 – Pop1 – B1

**HD4180:**

**03h20** Corner cubes occulting pupils in E1E2, but OK for E1, not for E2, Norm will restart server. Didn't work, called Lazlo. Did something, now going to scope and restart server.



Norm: "I went to the dome, but found that the cable wrap was off the track and broken apart. The drum had stopped taking up the cables and so they were pushed off." Telescope E2 stowed till tomorrow. Abort tonight's plan!

## 2. V01 - EXOPLANET – ROXANNE

S2 – Pop5 – B1 S1 – Pop4 – B2

**HD219134:**

**04h50** Found fringes on target. Moved to cal. No luck. Abort. Too late.

## 3. V66 - BE SURVEY – ANTHONY

S2 – Pop5 – B1 S1 – Pop4 – B2

**HD37202:**

**05h10** Finally recording! Yes. [HD37202.S1S2.2016.10.05.12](#)

**07h50** Back to target in case conditions deteriorate any more [HD 37202.S1S2.2016.10.07.43](#)

**12h09** One last point near end of night. [HD 37202.S1S2.2016.10.11.11](#)

Sp. Cal. [D\\_R2656.2016.12.10.08.11](#)

## 4. V67 - GIANTS – HUBER

S2 – Pop5 – B1 S1 – Pop4 – B2

**HD6386:**

**05h50** [HD6386Cal1S1S2.2016.10.05.54](#). Cal1 HD 7804. Hard to see fringes on vega and climb. 20bl

**06h00** [HD6386S1S2.2016.10.06.10](#). Target. 40 blocks

**06h30** [HD6386Cal1S1S2.2016.10.06.30](#) Cal1 HD 7804. 40 blocks

**06h50** [HD6386S1S2.2016.10.06.51](#). Target. 40 blocks

**07h10** [HD6386Cal1S1S2.2016.10.07.11](#) Cal1 HD 7804. 40 blocks

Sp. Cal. [D\\_R2700.2016.12.10.07.36](#)

Waiting, trying different check stars for HD 52265... HD 59881 and HD 53244 faint.

Useless, going to an *older* target: HD 85503 (V50) BRIGHT. Climb crashed. Weather still crap.

## 5. V50 – METAL-POOR – ORLAGH

S2 – Pop5 – B1 S1 – Pop4 – B2

**HD85503:**

**10h30:** [HD85503Cal1S1S2.2016.12.09.46](#). CAL 1 HD 86728 30 blocks

**10h40:** [HD85503.S1S2.2016.12.10.27](#) 40 blocks Belles franges SNR 4.3!!

**10h50:** [HD85503Cal1S1S2.2016.12.10.50](#). CAL 1 HD 86728 30 blocks

Sp Cal. [D\\_R2700.2016.12.10.11.06](#)

## 6. V50 – METAL-POOR – ORLAGH

S2 – Pop5 – B1 S1 – Pop4 – B2

**HD107328:**

**12h00:** [HD107328Cal1S1S2.2016.12.11.36](#). CAL 1 HD 105702 40 blocks

Control crashed for first time tonight ;)

**12h20:** [HD107328S1S2.2016.12.12.18](#) 40 blocks

**12h50:** [HD85503Cal1S1S2.2016.12.12.46](#). CAL 1 HD 86728 40 blocks. Block 9 is great ;)

Sp Cal. [D\\_R2700.2016.12.10.13.07](#)

END