

VEGA-CHARA Observing Log

Title: 13 Cyg
 Date: 20/06 Julian day: 2455367.5 Observers: KP, NU

VEGA configuration

| | | | | | |
|--------------|--------------|---------------|---|----|----|
| Grating: 300 | Lambda: 670 | Caméra: R | B | RB | BR |
| SPIN: / | AlgoIR: | AlgoIB: | | | |
| Slit: W670H4 | Red Density: | Blue Density: | | | |

CHARA configuration

| | | | | |
|-----------|----|----|----|----|
| | V1 | V2 | V3 | V4 |
| Telescope | | E2 | W2 | |
| POP | | 2 | 5 | |

| N° | Object | TU/AH start | Bp | Parameter changes | Notes and Directory name | seeing | TU/AH end |
|----|-----------|-------------|-------|-------------------|--|--------|-----------|
| | | | (m,°) | | | | |
| 1 | HD 177003 | 10h04 | | | 13CYG E2 W2 GAL1. 2010. 06. 20. 09. 44 | 10 | 10h11 |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

Calibrations ~~R~~ D-R2670.2010.06.20.11.40 D=0.6 (Bleu) D=1.0 (Rouge)

VEGA-CHARA Observing Log

Title: 13 Cyg
 Date: 20/06 Julian day: 2455367.5 Observers: KP UN

VEGA configuration

| | | |
|----------------------|--------------------|--------------------------|
| Grating: <u>300</u> | Lambda: <u>670</u> | Caméra: R B <u>RB</u> BR |
| SPIN: <u>/</u> | AlgoIR: | AlgoIB: |
| Slit: <u>W1070H4</u> | Red Density: | Blue Density: |

CHARA configuration

| | | | | |
|-----------|----|----|-----------|-----------|
| | V1 | V2 | V3 | V4 |
| Telescope | | | <u>W2</u> | <u>W1</u> |
| POP | | | <u>5</u> | <u>1</u> |

| N° | Object | TU/AH start | Bp (m,°) | Parameter changes | Notes and Directory name | seeing | TU/AH end |
|----|---------|-------------|----------|-------------------|--|--------|-----------|
| | | | | | | | |
| 2 | 13Cyg | 8h10 | W1W2 | | 13CYG W1W2. 2010.06.20.08.01 #16 - Trucher? Mopen? | 10 | 8h19 |
| 3 | HD17703 | 8h28 | W1W2 | | 13CYG W1W2. CAL1. 2010.06.20.08.21 #18. Trucher? Mopen? | 10 | 8h37 |
| 4 | 13Cyg | 8h45 | W1W2 | | 13CYG W1W2. 2010-06-20-08-38 #6. Trucher? Mopen? | 10 | 8h55 |
| 5 | HD17703 | 9h12 | W1W2 | | 13 CYG W1W2. CAL1. 2010.06.20. # partir du #15 08.55 MOTEN | 10 | 9h21 |
| 6 | HD17703 | 9h27 | W1W2 | -22 | 13 CYG W1W2 CAL1. 2010.06.09.22 | 10 | 9h32 |
| 7 | | | | | | | |
| 8 | | | | | | | |
| 9 | | | | | | | |
| 10 | | | | | | | |

Flanges excellentes

Calibrations D_ R2670. 2010.06.20.09.36 0.6 de densité sur B et R.

VEGA-CHARA Observing Log

Title: V01 - 13 Cyg
 Date: 21/6/2010 Julian day: 2455368.597986 Observers: NN, KP, CF + Skype Manager

VEGA configuration

Grating: R2 Lambda: 670 Caméra: R B (RB) BR
 SPIN: R2 AlgolR: AlgolB:
 Slit: W070M4 Red Density: ✓ Blue Density: ✓

CHARA configuration

| | V1 | V2 | V3 | V4 |
|-----------|-----------|-----------|-----------|-----------|
| Telescope | <u>S2</u> | <u>E2</u> | <u>W2</u> | <u>W1</u> |
| POP | <u>5</u> | <u>2</u> | <u>5</u> | <u>1</u> |

| N° | Object | TU/AH start | Bp | Parameter changes | Notes and Directory name | seeing | TU/AH end |
|----|------------------------|--------------|-------------|---|--|------------|-----------------|
| | | | (m,°) | | | | |
| 1 | <u>HD177003</u> | <u>06:31</u> | <u>W1W2</u> | <u>30 blocs</u> | <u>J3CYGW1W2CAL1.2010.06.21.06.17</u> | <u>8</u> | |
| 2 | | | | | <u>Franges stables à - 22.7</u> | | |
| 3 | <u>13 Cyg</u> | <u>07:00</u> | <u>W1W2</u> | <u>30 blocs</u> | <u>J3CYGW1W2.2010.06.21.06.48</u> | <u>6-7</u> | |
| 4 | | | | | <u>Franges stables à - 22.8</u> | | <u>puis 8-9</u> |
| 5 | | | | <u>∅ bon mais qui varie très rapidement</u> | | | |
| 6 | <u>HD177003</u> | <u>07:29</u> | <u>W1W2</u> | <u>30 blocs</u> | <u>J3CYGW1W2CAL1.2010.06.21.07.14</u> | <u>7-8</u> | |
| 7 | | | | | <u>Très belles franges à - 22.4</u> | | |
| 8 | <u>CALIB SPECTRALE</u> | | | | <u>D-R2670.2010.06.21.07.44</u> | | |
| 9 | | | | | <u>(densité B = 0.6 / densité R = 1)</u> | | |
| 10 | | | | | | | |

Calibrations

VEGA-CHARA Observing Log

Title: _____
 Date: 25/06 Julian day: 2455372 Observers: KP, NU + PJ (CHARA)

VEGA configuration

| | | | | | |
|----------|--------------|---------------|---|----|----|
| Grating: | Lambda: | Caméra: R | B | RB | BR |
| SPIN: | AlgolR: | AlgolB: | | | |
| Slit: | Red Density: | Blue Density: | | | |

CHARA configuration

| | | | | |
|-----------|----|----|----|----|
| | V1 | V2 | V3 | V4 |
| Telescope | | | W1 | W2 |
| POP | | | 1 | 5 |

| N° | Object | TU/AH start | Bp | Parameter changes | Notes and Directory name | seeing | TU/AH end |
|----|-----------|------------------------------------|-------|-------------------|--|--------|-----------------|
| | | | (m,°) | | | | |
| 1 | HD 17703 | +4h ³⁰ / _{-4h} | W1/W2 | offset -23.5 | 13CYG W1W2CAL1. 2010. 06. 25. 04. 17 +10 blocks | 10 | 4h47/3h51 |
| 2 | | | | | Belles franges très stables | | |
| 3 | HD 183534 | | W1/W2 | | T _D très variable - Scan de -19 à -26.0 | | |
| 4 | | | | | Pas de franges - On arrête - | | |
| 5 | HD 17703 | 9h ⁰¹ / _{0h13} | W1/W2 | offset -21.7 | 13CYG W1W2CAL1. 2010. 06. 25. 08. 37 | 10 | 9h10 |
| 6 | | | | | | | |
| 7 | HD 183534 | 9h ¹³ / _{0h13} | W1/W2 | offset -21.7 | 13CYG W1W2CAL2. 2010. 06. 25. 09. 13 | | 7-8-10-12 |
| 8 | | | | | // franges instables, non trackées, 35 blocks (#34 belles franges) | | variable → 9h38 |
| 9 | HD 17703 | 9h ¹⁴ / _{1h05} | W1/W2 | offset -21.4 | 13CYG W1W2CAL1. 2010. 06. 25. 09. 39 | 9 | |
| 10 | | | | 25 blocs | (blocs 13-14-15-16-17 = nuages) | | |

Calibrations D-22670. 2010. 06. 25. 09. 55 (mais seulement 20 blocs sur AlgolB)