Observers: Simon, Frantz

Configuration: E2/V1/POP2 W2/V2/POP5 W1/V3/POP1   **** NO CLIMB ****

UTC03:37: At the beginning of the night, the seeing looks promising, with an
          average r0 ~ 15 cm on the best beam (W1).

                          V43 (O. Creevey)

UTC03:38: pointing HD 181440, first calibrator for this program.
          setting up the VEGA FT
          initial OPLE offset: +2230 (E2−W2) the left hand side peak
          on the VEGA FT display
          initial OPLE offset: −5150 (W1−W2) the right hand side peak
          on the VEGA FT display.
          VEGA track rate: 10 sec, coeff "−1"

UTC04:01: HD181420CAL1.2014.08.30.03.26 (HD 181440, cal. for HD 181420)
          20 blocks

UTC04:28: HD181420.2014.08.30.04.17 (science target HD 181420)
          initial OPLE offset: +2320 (E2−W2) [left] −5250 (W1−W2) [right]
          20 blocks

UTC04:47: HD181420CAL1.2014.08.30.04.37 (HD 181440, cal. for HD 181420)
          initial OPLE offset: +2550 (E2−W2) [left] −5120 (W1−W2) [right]
          20 blocks
          Note: in this config, on (E2−W2), to increase the offset
          (decrease its absolute value) moves the peak to the left.

UTC05:08: Crash of the cameras GUIs (ALGOL R & B) when setting up for
          the spectral calibration.

UTC05:11: D_R2720.2014.08.30.05.08 (spectral calibration)

                          V01 (R. Ligi)

Configuration: E2/V1/POP2 W2/V2/POP5 W1/V3/POP1   **** NO CLIMB ****

Seeing conditions still quite good, with an average r0 ~ 10 − 15 cm

UTC05:27: HD189733CAL4W1W2E2.2014.08.30.05.16 (HD 204414, cal. for HD 189733)
          initial OPLE offset: +2590 (E2−W2) [left] −5690 (W1−W2) [right]
          Track rate: 10 sec, coeff (E2−W2) "+1"   (W1−W2) "−1"
          20 blocks

UTC06:04: HD189733W1W2E2.2014.08.30.05.37 (science target HD 189733)
          initial OPLE offset: +2280 (E2−W2) [left] −5950 (W1−W2) [right]
          Track rate: 20 sec, coeff (E2−W2) "+1"   can't track this one
          30 blocks

UTC06:34: HD189733CAL4W1W2E2.2014.08.30.06.18 (HD 204414, cal. for HD 189733)
          initial OPLE offset: +2960 (E2−W2) [left] −5870 (W1−W2) [right]

UTC06:51: shooting for HD 209458
          It is fainter (V=7.7, so Chris has doubts about this observation)
          It sounds like we'll be able to use CLIMB again in ~15 minutes.

UTC07:02: we let the crew take the mirror they've inserted on the way
          to CLIMB for their engineering test (they are done for the
          night). We take this opportunity to request Chris to do the
          alignment of the S2 beam, in prep for the next part of the
          night. Should be a total of ~ 20 minutes before going back
          to observing.

UTC07:42: Took longer than expected. We are now back on HD 209458,

looking for fringes on VEGA.

UTC07:55: HD209458W2W1E2.2014.08.30.07.36 (science target HD 209458)
         E2-W2 only visible in the VEGA-FT, very difficult
         No fringe tracking during this series
         40 blocks

UTC08:23: were about to move back to the cal, but figured out we don't
         have delays anymore. The plot with the observability times
         for this configuration is wrong (not the right
         POPs). Started looking for another calibrator, but need to
         move on if we want to make good use of the observing time.
         We switch configuration: S2W1W2.

UTC08:28: D_R2720.2014.08.30.08.24 (spectral calibration)

                          V38 (M. Challouf)

Configuration: S2/V1/POP2 W2/V2/POP5 W1/V3/POP1   + CLIMB

Seeing is holding well, and the signal on CLIMB looks quite stable, so
this should be a reasonably good data set.

UTC08:55: HD22928CAL1.2014.08.30.08.40 (HD 18411, cal. for HD 22928)
         cophasing: (W2,S2): +3680 um, (W2-W1): -5540 um
         CLIMB offsets: B1 (S2): -0.24, B2 (W2): -0.03
         20 blocks

UTC09:13: HD22928.2014.08.30.09.07 (science target HD 22928)
         CLIMB offsets: B1 (S2): -0.18, B2 (W2): -0.03
         20 blocks

UTC09:29: HD22928CAL1.2014.08.30.09.24 (HD 18411, cal. for HD 22928)
         CLIMB offsets: B1 (S2): -0.22, B2 (W2): -0.03
         20 blocks

UTC09:46: HD22928.2014.08.30.09.39 (science target HD 22928)
         No changes of offsets on CLIMB this time
         20 blocks

UTC10:05: HD22928CAL1.2014.08.30.09.57 (HD 18411, cal. for HD 22928)
         No changes of offsets on CLIMB this time
         20 blocks

UTC10:17: HD22928.2014.08.30.10.14 (science target HD 22928)
         20 blocks

UTC10:34: HD22928CAL1.2014.08.30.????? (HD 18411, cal. for HD 22928)
         ***** For some reason, the GUI did not change the directory
         name when selecting this target from the program. Will have
         to check the content of the directories after the night is
         over ****

UTC10:39: HD22928CAL1.2014.08.30.10.37 (HD 18411, cal. for HD 22928)
         20 blocks

UTC10:40: Have been debating for the past 20 minutes of what to do
         next. Ideally, we'd switch to E1E2W2 for one more point
         on at least two objects, but technical constraints
         (computer issues at CHARA + alignment time) make it a non
         optimal choice.

         We've therefore decided to stay on this target and get it as
         much uv coverage as it can, until the night ends.

UTC10:52: HD22928.2014.08.30.10.14 (science target HD 22928)
         20 blocks

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UTC11:07: HD22928CAL1.2014.08.30.11.03 (HD 18411, cal. for HD 22928)
          20 blocks

UTC11:22: HD22928.2014.08.30.11.17 (science target HD 22928)
          20 blocks

UTC11:32: interesting: it turns out that you cannot have more than 10
          entries in the LOGOBS GUI! We'll do a spectral calibration,
          and then create a separate series for the rest of the night.

UTC11:32: D_R2720.2014.08.30.11.32 (spectral calibration)

----------------------------------------------------------------------
                         V38 (M. Challouf)
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Same player plays again.

UTC11:39: HD22928CAL1.2014.08.30.11.37 (HD 18411, cal. for HD 22928)
          20 blocks

UTC11:55: HD22928.2014.08.30.11.50 (science target HD 22928)
          20 blocks

UTC12:13: HD22928CAL1.2014.08.30.12.06 (HD 18411, cal. for HD 22928)
          20 blocks

UTC12:xx: D_R2720.2014.08.30.12.24 (spectral calibration)
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