

Log CHARA/VEGA 2019-07-28

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Program AGB CL Lac - PI Andrea Chiavassa

Target : CL Lac

Configuration MIRC E1 W2 W1 S2 S1 E2 + POP2 POP5 POP3 POP2 POP1 POP3

Config VEGA S1 POP1 B4 / S2 POP2 B3

- UT 08h00** We start the night
Sky is OK with seeing 11cm and low humidity
- UT 08h11** MIRC slews to **HD219080**
- UT 08h17** VEGA aligned
- UT 08H21** Fringes at the right place
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- UT 08H27** Slewing to **cal HD210855**
- UT 08H30** Fiber mapping
- UT 08H31** Fringes appeared, exactly at the right place.
S1 = -4 856, S2 = -2 686 (relative to W2)
[Recording HD210855.2019.07.28.08.38](#) (24 blocks)
Seeing about 10 cm
Done
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- UT 08H59** Slewing to **CL Lac**
[Recording IRC+50448.2019.07.28.09.10](#) (40 blocks)
Seeing about 10 cm
S1=-4 875, S2=-2 747
We think we observe peak fringes at 10 blocks, which is great.
Peak seems to be observed at 75 microns (if real, indeed S/R is low)
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- UT 09H39** **Slewing to CAL HD210855**
[Recording HD210855.2019.07.28.09.46](#) for (24 blocks)
Seeing about 10 cm
S1= -4 753, S2= -2 616
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- UT 10H08** Slewing to **CL Lac**
[Recording IRC+50448.2019.07.28.10.14](#) (40 blocks)
Better seeing, about 12 cm
Pretty fringes in MIRC
S1=-4 742, S2=-2 708
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- UT 10H44** Slewing to **cal HD219080**
Fiber making
S1= -4 693, S2= -2 714
[Recording HD219080.2019.07.28.10.52](#)
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- UT 11H15** Slewing to **CL Lac**

[Recording IRC+50448.2019.07.28.11.23](#) (40 blocks)
Better seeing, about 12 cm
S1= -4 686, S2= -2 616

UT 11H44 Slewing to **cal HD219080**
[Recording HD219080.2019.07.28.11.59](#) (24 blocks)
Seeing 11 cm

UT 12H10 Done

UT 12H20 Spectral Calibration
[D_CMR790.2019.07.28.12.20](#)