

2022-08-15 FA, PG, SR, FM – Norm

E1W2W1S2S1E2

- E1 Pop3 B1
- W2 Pop5 B2
- W1 Pop2 B3
- S2 Pop2 B4
- S1 Pop1 B5
- E2 PoP4 B6

- UT3h05 Starting with STS, everything OK on SPICA. DL offsets (MR) :
DL2: 23649
DL3: 17966
DL4: 13261
DL5: 10324
DL6: 6120
Beams references:
B1: 152.0 – 20.6
B2: 193.3 – 21.9
B3: 232.7 – 22.6
B4: 270.4 – 21.2
B5: 312.0 – 21.2
B6: 350.3 – 21.6
- UT4h15 slewing to HD180163
- UT5h07 Fringes on MIRCX HD180163: 0.48 -0.7 -0.72 -0.70 -0.21
- Difficulty to keep all fringes locked. Maybe we don't use the correct procedure.
- UT5h40 HD213558 now.
- UT6h11 Fringes at -0.76 -1.23 -2.23 -1.79 -1.28. S1 flux is low and image is spreaded.
Difficulty to keep S1 fringes locked with Mircx
- Low flux on SPICAVIS science camera. Checking injection (correct)
- 06h30 Sylvain is starting SPICAFT
- 07h22 Realignment
- MIRCX fringes at -0.18 -0.92 -1.53 -1.19 -0.68
- 07h55 Fringes locked on SPICAFT
- SPICAFT not tracking - Recording fringes on MIRCX for 300 sec. Bad manipulation during record. Files to mircx00077.fits have to be deleted.
- 08h02 FIRST 300 sec set recorded (files 00078 to 00154)
- 08h12 second sec set recorded (files 00155 to 00232)
- 08h46 UT Slewing to HD3360
- 09h00 Locked on HD3360
- 09h10 MIRCX fringes : -0.59 -1.10 -2.03 -1.62 -1.06
- 09h28 OPLE crashed.
- Important: Click on RECONNECT on mircx_server_gtk to reconnect mircx server to OPLE !
- 09h50 All fringes recovered. Offsets: -0.27 -0.88 -1.63 -1.20 -1.07
- 09h58 SPICAFT is tracking (GD + PD). Recording MIRCX data. First record of 300s (files 00233 to 00310)
- 10h04 Fiber explorer, then second record of 300s (files 00311 to 00387)

- 10h49 Record on MIRCX with SPICAFT tracking. First record of 300s (files 00388 to 00466)
Possible corrupted files –due to fringe tracking loss, starting 440-466)
Fiber explorer done
- 11h15 Record of dark and data on SPICAVIS. Very low flux in MR. Test files.
- 11h25 Realigning
- 11h57 Fringes are back on MIRCX
- 12h02 We lost S1 tracking (out of delay)
- 12h03 Recording fringes tracked by SPICAFT on 5T. 2 MR files on SPICAVIS (blind record) and 300s record on MIRCX (files 00467 to 543)
- Fiber explorer then new record of 300s on MIRCX (files 00544 to 00621) and 2 MR files on SPICAVIS (blind).
- 12h15 Shutters record on MIRCX
- 12h30 Last dark record on SPICAVIS
- 12h35 Back to STS for control of alignment and fringes