

Recording to CURT V001A

Severe problems at ATCA. First time VLBI with CABB.

1. CAOBS could not read UTC schedules properly. Fixed and on schedule at 09:07:20 UT.
2. Can only use DAS1 on 2nd atca freq. Had to plu Huygen's cable timing into DAS1 (no direct cables!!). Could write only with vsib_record directly. Command: "vsib_record -t 19h -o v275c_At -m 2 -c xo" and started at 08:29:05 UT.
3. Can only tie CA01 (no fringe rotation). +90 deg phase in ok, but it may swap polarisations.
4. Not enough gain into DAS. Stats 0,50,50,0 !!

~10:35 - 11:15 UT - fixing statistics. Now 17,33,33,17. BEFORE THIS time stats were way off. Not sure what the impact will be on the data.

11:20 UT - fixed to produce circulars. BEFORE this pols are uncertain!!

11:31 - 13:08 OFF schedule. Testing on 1921-293. Implemented new code fro fringe-rotation, tying the antennas and circular polarisation.

- **BEFORE 13:08UT data of doubtful value BUT all is on disk.**

13:08UT On-source with TIED antennas 1345. Tied ok on 1921-293 and should have circulars, nominal LCP,RCP but could easily be the other way around. Phases looked very stable.

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