

## v190d Setup:

<b>Description</b>	18 cm disk-based pulsar astrometry
<b>Antennas</b>	Pa-At-Mp-Ho-Ti
<b>Start</b>	322 09:30:00
<b>Stop</b>	323 09:30:00
<b>PI</b>	Adam Deller
<b>Channel 1</b>	DAS #1 IFP#1-L0 1634 - 1650 MHz USB RCP
<b>Channel 2</b>	DAS #1 IFP#1-HI 1650 - 1666 MHz USB RCP
<b>Channel 3</b>	DAS #1 IFP#2-L0 1634 - 1650 MHz USB LCP
<b>Channel 4</b>	DAS #1 IFP#2-HI 1650 - 1666 MHz USB LCP
<b>Channel 5</b>	DAS #2 IFP#1-L0 1666 - 1682 MHz USB RCP
<b>Channel 6</b>	DAS #2 IFP#1-HI 1682 - 1698 MHz USB RCP
<b>Channel 7</b>	DAS #2 IFP#2-L0 1666 - 1682 MHz USB LCP
<b>Channel 8</b>	DAS #2 IFP#2-HI 1682 - 1698 MHz USB LCP
<b>DAS 1 Skyfreq</b>	1650.00
<b>DAS 2 Skyfreq</b>	1682.00
<b>Bandwidth</b>	16 MHz
<b>Recorder</b>	Disk
<b>DAS Mode</b>	vsop.pro (telescope)

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/v190/v190d>

## Comments:

- CHANGED START TIME FROM 11:00 TO 09:30\* TIDBINBILLA AND HOBART FREQUENCIES AND POLARISATIONS **Tid only has LCP at 1.6 GHz and should set up to record 4 channels of LCP at 256 Mbps using the vsop profile on the DAS, matched to the 4 channel frequencies given in the table. This will allow Tid to match LCP at all 4 frequencies for the ATNF antennas. Likewise, Hobart should also set up to record LCP at 256 Mbps using the vsop DAS profile. Like Tid this will allow LCP coverage of all 4 frequencies of the ATNF antennas, and will exactly match Tidbinbilla. This setup will require splitting the RF signal and setting up two IF chains, one into each IFP of the DAS. ^ IFP#1 Skyfreq | 1650.00 LCP | ^ IFP#2 Skyfreq | 1682.00 LCP | DAS & Recorder Setup Hobart and Tidbinbilla connect DAS directly to VSIC as per normal Parkes, ATCA & Mopra connect both DAS to single VSIC input using 'Huygens' cable. DAS#2 should be configured to be the higher frequency and connected to input#2 (input with clock lines connected).** This is a disk based experiment. Do NOT delete the data after recording!!!!\*\*

Disk allocations are given below under the telescope specific notes.

## Observing comments for each antenna:

[Pa](#) [At](#) [Mp](#) [Ho](#) [Ti](#)

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