

## vt12i Setup:

<b>Description</b>	100hr on 3 Apr, C-band
<b>Antennas</b>	Mp-Ho-Sh-Mc-Wb-On-Tr-Jb-Cm-Ys
<b>Start</b>	93 08:00:00
<b>Stop</b>	93 16:59:20 (Ho-Mp stop at 11:00UT)
<b>PI</b>	Zsolt Paragi
<b>Channel 1</b>	DAS #1 IFP#1-L0 4940 - 4956 MHz LSB RCP
<b>Channel 2</b>	DAS #1 IFP#1-HI 4956 - 4972 MHz USB RCP
<b>Channel 3</b>	DAS #1 IFP#2-L0 4940 - 4956 MHz LSB LCP
<b>Channel 4</b>	DAS #1 IFP#2-HI 4956 - 4972 MHz USB LCP
<b>Channel 5</b>	DAS #2 IFP#1-L0 4972 - 4988 MHz LSB RCP
<b>Channel 6</b>	DAS #2 IFP#1-HI 4988 - 5004 MHz USB RCP
<b>Channel 7</b>	DAS #2 IFP#2-L0 4972 - 4988 MHz LSB LCP
<b>Channel 8</b>	DAS #2 IFP#2-HI 4988 - 5004 MHz USB LCP
<b>DAS 1 Skyfreq</b>	4956.00 MHz
<b>DAS 2 Skyfreq</b>	4988.00 MHz
<b>Bandwidth</b>	16 MHz
<b>DAS Mode</b>	mp16x2_f.pro ( <a href="#">telescope</a> )

Ftp: <ftp://ftp.atnf.csiro.au/pub/people/vlbi/vt12/vt12i>

## Comments:

This is an evlbi experiment to JIVE. JIVE will control the recorder remotely. A mark5 emulator is needed for this to work. This is simply run (on the LBADR recorders) as:

```
> mk5emu.pl
```

This can be started well before the beginning of run and does not have to be stopped at the end - though it would be advisable to stop before the recorder is used for anything else.

mk5emu.pl has the setup hardcoded. It will need to be modified if the setup changes. Specifically the following lines will be set:

### Mopra

```
my $chans = 'xxxx'; my $bandwidth = 16; my $vsib_mode = 2;
```

### Hobart

```
my $chans = 'oxox'; my $bandwidth = 16; my $vsib_mode = 3;
```

## Observing comments for each antenna:

[Mp](#) [Ho](#) [Sh](#) [Mc](#) [Wb](#) [On](#) [Tr](#) [Jb](#) [Cm](#) [Ys](#)

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## Observing Logs

[Parkes onsource flagging](#)

[ATCA onsource flagging](#)

[Mopra onsource flagging](#)

[Mopra Tsys \(plot\)](#)

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