v156g1 Setup:

Antennas	Mp-At-Cd-Ho-Pa
Start	72 10:00:00
Stop	72 21:48:00
Channel 1	4800 - 4816 MHz USB RCP
Channel 2	4816 - 4832 MHz USB RCP
Bandwidth	16 MHz
Recorder	S2
S2 Mode	32×4-2
DAS Mode	vsop.pro
Buggary Cable	out
Tape Change	72 15:59:00

—-

Comments:

NOTE: Setup has changed. Now Rcp only and frequency shift

Please observe 0537-441 starting 1hr before the start of experiment (09:00UT). Record to disk using: > vsib_record -t v156g1-XX -t 46800s -c ooxx where XX is your antenna ID (Pa,Cd etc)

I suggest you also run from the data directory diskclean.pl > cd /my/data/dir > diskclean.pl -age 4h

Dodson:

1302-638 has recently gone through it's eclipse, and it is known that there are frequency jumps when this occurs. Therefore timing observations of 1302-638 are worthwhile.

Emailed comments (repeating comments):

Files at ftp://ftp.atnf.csiro.au/pub/people/vlbi/v156/v156g1 (NOT INCOMING!!!!)

```
Exp. Code:  v156g1
```

Notes: PSR B1259-63 observation No 7. Part 1 @ 4816MHz

```
        Full pol. obs, i.e. both L&RCP. i.e buggery cable in
        Pulsar binned at AT (unless a problem). All in CATIE.
        CA CCC mode psr16_128-64. 12 hrs & 2 tape sets.
```

```
 Both polarisations centred at 4816.
```

```
  The experiment is ~ 12 hours so two sets of tapes are needed
Tape change is at ~16UT
```

```
ATCA has a pulsar polyco but it maybe out of date.
```

```
So Parkes will have to collect the filter bank so we can find the
```

solution.

Schedule at ATCA has been prepared, but nowhere else. Pulsar observations at ATCA require three things:

The CONFIG to be a pulsar one (psr16_128-64 in this case), MODE of the pulsar TARGET_NAME to be set to PSR and the polyco timing solution to be in caccc as ~corr/cor/pulsar/TARGET_NAME.polyco

These are setup

From:
https://www.atnf.csiro.au/vlbi/dokuwiki/ - **ATNF VLBI Wiki**

Permanent link:
https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/lbamarch2005/v156g1

Last update: **2015/12/18 16:38**