

v156g1 Setup:\\

Antennas	Mp-At-Cd-Ho-Pa
Start	72 10:00:00
Stop	72 21:48:00
Channel 1	4808 - 4824 MHz USB RCP
Channel 2	4808 - 4824 MHz USB LCP
Bandwidth	16 MHz
Recorder	S2
S2 Mode	32x4-2
DAS Mode	at16s.pro
Buggary Cable	in
Tape Change	72 15:59:00

Comments:\\

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ATCA has a pulsar polyco but it maybe out of date.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

-----\\

Version 3 (!)\\

\\ Failure of one IF at Parkes leads to a 1 pol 2 IF mode (i.e. vsop.pro)\\ Buggery out. Hart's failure means we use »» RCP ««\\ New files are on <ftp://ftp.atnf.csiro.au/pub/people/vlbi/v156/v156g1>\\

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	2×16 MHz
Recorder	S2
S2 Mode	32×4-2
DAS Mode	vsop.pro
Buggary Cable	out
Tape Change	72 15:59:00

\\ 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?rev=1110626449>

Last update: 2015/12/18 16:38

