Running RtFC on Specific Telescopes

NOTE: Mark5 recorders can only dump fringe test data at pre-scheduled times. To determine the time of a specific file run, for example:

```
> m5time vt02am_ho_no0043.m5a Mark5B-256-4-2
```

ATCA

Main recorder is `cavsi1` (cavsi1-ext external to Narrabri).

Mopra

Main recorder is `mpvsi1` (mpvsi1-ext external to Mopra). If remote recording to cavsi2, don't forget to update RTFC environment variables.

Parkes

Main recorder is `pkvsi2` (pkvsi2-ext external to Parkes). Normally data is remote recorded to `pam-store`.

Hobart

Hobart uses a Mark5b, which means you only get data at pre-scheduled times. The data dump area should go to `hovsi` via an nfs mount. You need to check with UTAS locals what the path is. If there is no data, get locals to check the nfs mount is setup correctly.

Ceduna

Ceduna uses a Flexbuf recorder, which currently (6/9/18) can only dump data “manually”. A local needs to dump data when required. The data dump area should be on `cdvsi`. You need to check with UTAS locals what the path is.

Katherine and Yarragadee

Katherine and Yarragadee need to be tunneled via Hobart. First ssh into `hovsi` then run (as appropriate)

```
rtfc-tunnel oper@mk5ke
rtfc-tunnel oper@mk5-2yg
```

(you need to know oper password). Then

```
cd /data
```

Warkworth

Data from the 12m and 30m go to different Mark5 systems. Data is transferred via a tunnel. Connect to the appropriate mark5 with the following command from pam0:

```
sshww12-rtfc
sshww30-rtfc
```

then

```
source evlbi/RtFC/setup.sh
cd data
```

Hartebeesthoek

Ssh to hart with the `sshhart` or `sshhart15` alias. RTFC data transfer is terrible slow so dont use that. Use tsunami data transfer - alias are setup to make this simple (`sharthart` and `gethart`). You need 3 terminals setup (If you start and stop obs,pl, you can get away with a single terminal on pam0).

Terminal 1

```
sshhart
cd data
ls -ltr | tail
sharehart vc341_hh_no0010.m5a
```

^C when transfer finished

Terminal 2

```
cd /data/hart
gethart
```

Terminal 3

```
cd /data/hart
hart
obs.pl
```

Rinse and repeat as necessary