

Server: obseff@be4 (134.104.64.134) [password: obseff]

Decide source range from obseff@be4:~/pulsar/Scripts/Decl#to#

Example:

1035028	G230.2+33.1	09:18:43.1	+01:36:16.7	139.68	1.6	+3	0	0000-00-00	00:00:00	0	0	0	230.17	33.09
1085260	G230.9+33.0	09:19:46.4	+01:02:42.4	139.94	1.05	+3	0	0000-00-00	00:00:00	0	0	0	230.9	33.02
985524	G230.9+33.2	09:20:15.8	+01:07:18.9	140.07	1.12	+3	0	0000-00-00	00:00:00	0	0	0	230.9	33.16
1036008	G230.9+33.3	09:20:45.1	+01:11:55.3	140.19	1.2	+3	0	0000-00-00	00:00:00	0	0	0	230.9	33.31
1042868	G231.9+34.8	09:27:41.6	+01:17:35.2	141.92	1.29	+3	0	0000-00-00	00:00:00	0	0	0	231.93	34.82
1044856	G231.3+35.3	09:28:07.3	+01:55:50.6	142.03	1.93	+3	0	0000-00-00	00:00:00	0	0	0	231.34	35.25
1095088	G232.1+35.2	09:29:10.1	+01:23:13.5	142.29	1.39	+3	0	0000-00-00	00:00:00	0	0	0	232.07	35.18
1001400	G232.4+36.6	09:34:32.2	+01:58:11.0	143.63	1.97	+3	0	0000-00-00	00:00:00	0	0	0	232.37	36.62

grep for first and last source in obseff@be4:~/pulsar/Catalogues/*

awk column 2 (source names) of the selected range to a file (hereafter *script*)

Edit that *script* and insert descriptor line by the first source name ...
(Note: the *SCANTime* is in seconds)

In *script*:

```
G018.0+29.7 ; Catalog survey2; SCANTime 180
G018.6+29.4
G017.9+28.9
G018.5+28.6
G018.5+28.5
G019.2+28.7
G018.9+27.7
G018.9+27.5
...
```

(Note: if any of *SCANTime* or *Catalog* change throughout the file,
insert new descriptor lines at those points, by the source name)

In pointing interface (OBSINP; telescope control):

- Switch to the *User Queue*
- Go to *Search7Beam*
- In *ObjectName* type @<scriptname> and give Enter
- Click on *Load to telescope queue*

TAPE:

```
mt -f /dev/nst0 eject
```

```
( tar --totals --totals=USR1 --blocking-factor=128 -T tape3.txt -cvf /dev/nst0 > & tarlog.3 ) &
```