AUSTRALIA TELESCOPE OBSERVING APPLICATION

PKS

yr,term: 2000MAYT

ATNF use
ident:
rcvd:

PARKES TELESCOPE

SEND TO: Director, ATNF, P.O. Box 76, Epping, NSW 2121, Australia

For ATNF information see : http://www.atnf.csiro.au

1. Title of proposal:

2. Authors Principal investigator on line 1	**Institution/Country**	**for Ph.D. thesis ?**	**Present at Parkes ?**

3. Contact author and mailing address:

phone: ☐ FAX: ☐ e-mail: ☐

4. Continuation or resubmission of previous proposal? ☐ **Previous proposal no:** ☐

Related ATNF proposal numbers (if any): ☐

5. Scientific categories: ☐ Solar System ☐ Stellar ☐ Galactic ☐ Mag. Clouds ☐ Extragalactic

6. Type of observation:

☐ Continuum ☐ Spectral line ☐ Point source ☐ Mapping

☐ Monitoring ☐ Time binning ☐ High time resol. ☐ Survey

☐ Lin pol ☐ Cir pol ☐ Solar ☐ Multibeam

7. Receiver(s):

8. Sidereal time range (please state):

9. Requested time this Term (hours or days†):

Minimum useful time (hr or d):

Estimated time to complete this project (hr or d) :
(including above)

Time allocated so far (hr or d):

† "day" here denotes a unit of 24 hours, rather than an elapsed period of 24 hours.

10. Number of publications to date from this proposal? ☐ **(List separately)**

11. Short summary of proposal (~150 words, minimum font size 8 point):

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Title of Proposal:

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12. Please indicate the amount of additional help required:

☐ None ☐ Consultation ☐ Friend (Epping: initial assistance with data reduction)
☐ Observing assistance ☐ Staff Collaborator

13. Spectroscopy only:	Line 1	Line 2	Line 3
transitions to be observed			
velocity range (km s^{-1})			
number of channels per spectrum			
approx observing frequency			
number of simultaneous spectra			
total bandwidth [MHz]			
receiver tuning range			

14. Back End System:

15. Feed(s):

16. Focal plane/vertex arrangements:

17. Computer programs:

18. Consumables (eg mag tape):

19. Number of sources: ☐ [If more than 6 sources, please attach list. If more than 30 give only selection criteria and LST range(s)]

20. Name [order of priority]	**Coordinates (J2000)**		**Band**	**Intensity (cont)**		**rms noise required (mJy)**	**Cal. size (Jy)**	**Possible LST range h ⇒ h**	**Time requested (hr)**
	RA (h,m)	**DEC ($\pm°,'$)**	**(cm)**	**total (Jy)**	**peak (mJy)**				

21. Special hardware, software or operating requirements:

22. Non-standard equipment supplied by user: *(by arrangement, OIC, Parkes Observatory)*

23. Preferred range of dates for scheduling:

24. Unsuitable dates:

25. Attach a scientific justification. Maximum length 3 pages (incl. figures). Minimum font size 10 point.

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