AUSTRALIA TELESCOPE OBSERVING APPLICATION

PKS

PARKES TELESCOPE

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

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

yr,term: 2004JANT

ATNF use
ident:
rcvd:

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 ☐ NAPA ☐ Multibeam

7. Receiver(s):

8. Sidereal time range (please state):

9. Requested time this Term (hours): Minimum useful time (hours)

Total time needed for this project (hours) : (including above)

Hours previously allocated:

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

11. Short summary of proposal (~150 words, minimum font size 10 point):

When your proposal is scheduled the contents of this application form (but not supporting material) will be made public.

This LaTeX form was generated on September 11, 2003

Title of Proposal: PKS

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**	**Cal. size**	**Possible LST range**	**Time requested**
	RA (h,m)	**DEC (±°,′)**	**(cm)**	**total (Jy)**	**peak (mJy)**	**(mJy)**	**(Jy)**	**h ⇒ h**	**(hr)**

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. Impossible dates:

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

pks_applic.tex; form version 2004JANT