AUSTRALIA TELESCOPE OBSERVING APPLICATION

TID

yr,term: 2004SEPT

ATNF use
ident:
rcvd:

TIDBINBILLA 70 m TELESCOPE

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

For ATNF information and guide to observations at Tidbinbilla 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 Tidbinbilla ?**

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 ☐ Survey

7. Receiver(s):

8. Sidereal time range (please state):

9. Requested time this Term (hours):

Minimum useful time (hr):

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

Time allocated so far (hr):

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

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

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12. Please indicate the amount of additional help required:

☐ None ☐ Consultation ☐ Friend (Initial assistance with data reduction)
☐ Observing assistance ☐ Staff Collaborator

13.	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]			

14. Back End System:

15. Feed(s):

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

17. Source list. [If mapping is required, indicate this with "(map)" next to the source name, give the central RA and Dec and indicate the total amount of time needed to complete the map.]

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 (±°,′)**	**(cm)**	**total (Jy)**	**peak (mJy)**				

18. Special hardware, software or operating requirements:

19. Preferred range of dates for scheduling:

20. Impossible dates:

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

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