



# Expressions of Interest for Survey Science Projects

- What are they?
  - Large (>1500hrs) and coherent science projects that utilise ASKAP's wide field-of-view and fast survey speed to enable major science outcomes early in its lifetime.
- How much time will they take?
  - During the first five years of science operations, it is envisaged that up to 75% of observing time will be available.

# Selection process for Survey Science Projects

Stage	Description	Commencement Date
I	Proposal Submission	2008 Nov 1
II	Design Study	2009 Aug 1
III	Scheduling & Science Operations	Early 2012

Stage	Date	Event
Ia	2008 Nov 1	Call for Expressions of Interest
	2008 Dec 15	Expressions of Interest Deadline
Ib	2009 Mar 15	Survey Science Project proposal invitation
	2009 June 15	Survey Science Project proposal deadline
	2009 Aug 1	Survey Science Projects announced
II	mid 2009-late 2011	Survey Teams carry out Design Study
	mid 2010	Design Study progress review
	mid 2011	Final Design Study progress review
	Late 2011	Outcomes of reviews of Design Studies
III	Early 2012	Survey Science Projects schedule time on telescope
	Late 2012	Science Operations begin



# Stage I: Proposal Submission

## Ia – Expressions of Interest

- 1/11/08 – 15/12/08
- Scientific, technical and operational feasibility evaluations. *Not ranked.*
- PIs invited to submit comprehensive Survey Science Project proposals.
- 4 parts, 4 pages, instructions later

## Ib – full proposals

- 15/03/09 – 15/06/09
- Scientific, technical and operational cases plus commitment of effort to carry of Design Studies
- SSP Assignment committee
- Clearly defined set of selection criteria



# Stage II: Design Study

- Outcomes

Simulations to refine and improve expected scientific returns from SSPs

Design and characterisation of the software pipeline necessary to get data into Science Archive

Commissioning data from BETA & identification of issues /systematics.

Collaboration with groups at other wavebands to common identify scientific goals/sky coverage etc



# Stage II: Design Study

- Opportunities / why should I?

ATNF to support ~5 top-ranked teams post  
-docs at 0.5 - 1 FTE per project.

ATNF to fund SSP workshops.

Access to observing time on BETA to  
optimise survey design and technical  
issues.

Influence aspects of ASKAP design and  
software instruments

Be in optimal position to analyse the  
survey data asap.

# Stage II: Design Study

- Reviews

A standing Review Committee will conduct annual reviews of the Survey Science Projects and Teams.

The reviews will include scientific and technical progress, management of Survey Science Teams and personnel issues, and any external factors such as the changing scientific landscape.

# Stage III: Scheduling & Science Operations

Provisional time to SSP teams in mid-2009

Actual time allocation depends on the outcomes of the reviews of the Design Studies.

Observing time will be scheduled for SSPs whose Design Studies have demonstrated credible outcomes.

# Expressions of Interest: *how much work is it?*

- 4 pages
- 4 parts

- i) Title, Investigators, & Abstract
- ii) Expected Science Outcomes
- iii) Approximate Technical Details
- iv) Concept Design & Commissioning Contribution



<http://www.atnf.csiro.au/projects/askap>

[atnf-askap-ps@atnf.csiro.au](mailto:atnf-askap-ps@atnf.csiro.au) (SJ/IF)



# FAQs online

1. What's in it for me / Why would I want to contribute?
2. Is this really an open process?
3. How will similar EoIs from different groups be handled?
4. Are there restrictions on team leaders or members?
5. Do EoIs have to include a full team or can I apply alone?
6. What is the frequency coverage and array configuration for ASKAP?
7. Will the Survey Science Project data be made public?
8. Who do I contact for more information?
9. When will ASKAP begin operations?
10. What is the point of the Design Study stage?
11. When will actual observing time be allocated?
12. Will there be a chance to join a Survey Science Team closer to 2012?
13. Can I proceed to stage Ib if I don't submit EoI