

# Wallaby Publication Policy

Lister Staveley-Smith, Baerbel Koribalski, Paolo Serra, Tobias Westmeier, Ivy Wong

Version	Date	Description	Edits
0.1	12 Nov 2012	Initial draft	LSS
0.2	22 Sep 2015	Update for Early Science	LSS
0.3	5 Oct 2015	Proprietary->pre-release; builders list	TW, PS
0.4	15 Feb 2016	Added PS as author list	LSS
0.5	14 Dec 2018	Pilot survey included; updated background	LSS, TW
0.51	21 Jan 2018	Typos	LSS
1.0	5 Nov 2019	Minor edits; builder opt-in; coordinated abstracts	LSS

## 1 Background

Wallaby is one of the two top-rated ASKAP surveys, and is designed to map extragalactic hydrogen in the local Universe. The principle investigator is Lister Staveley-Smith. A management group meets on a regular basis. Strategic advice is also received by an executive team which meets on a regular, but less-frequent basis. Technical and science working groups discuss and report to the PI(s) on technical and science aspects of the proposal, respectively.

## 2 Scope

This policy covers the publication of scientific data, algorithms, technical issues, software and system descriptions, as well as presentations, web articles, media releases and all other publications relating to, or utilising, *pre-release* Wallaby data, or which commence during the *pre-release* period, or which leverage knowledge gleaned during the *pre-release* period. This policy will be reviewed from time to time. Publication matters not explicitly covered here should be referred to the PI(s).

## 3 Publication Proposals

The Wallaby team is large and diverse. In order to maximise coordination of effort, all proposals for major research activity leading to a publication need to be discussed by the team and approved by the PI(s) with guidance from the working group chairs. These research proposals need to be submitted to the entire Wallaby team and a list will be maintained in an internal section of the Wallaby web site. Many of these proposals will be in place prior to commencement of the main survey.

## 4 Publications

### 4.1 General

Where practical, all Wallaby publications should include a reference to the main Wallaby survey description paper. All papers will also need follow the ASKAP Publication Policy

(Ball 2015). This includes a reference to the appropriate ASKAP system description paper and extensive acknowledgements.

#### 4.2 Refereed Journal Papers

- Such papers are required to include the *Wallaby builders list*. This team includes builders, designers and scientists. It is a subset of the list of Wallaby team members and includes those that have contributed to the technical and scientific development of Wallaby, including proposal preparation, survey planning, survey execution, software tools, data reduction, quality control and dataflow management.
- The *Wallaby builders list* will be maintained by the Wallaby management team and will be available on the internal Wallaby web site. It is expected that individuals will join and leave this list at regular intervals throughout Wallaby. The management team will normally be responsible for inviting new membership and expiring old membership. However, direct application to the PI(s) will also be considered on a case-by-case basis.
- Wallaby builders are required to *opt-in* to each paper that they are listed as a co-author. That is, they are required to explicitly state their desire to be a co-author (this being a normal journal requirement).
- The authorship list for Wallaby papers should begin with the lead author of the work, followed by the lead team, followed (in alphabetic order) by the *Wallaby builders list* appropriate at the date of the first draft of the paper. Lead authors are normally required to be Wallaby team members. However, in cases where the Wallaby data is likely to be a minor part of the paper and the paper is to be led by a non-Wallaby team member, approval for the inclusion of Wallaby data should be sought from the PIs.
- Draft papers should be circulated to the author list and the rest of the Wallaby team, allowing two weeks for comment. Wallaby team members not listed on the paper may request co-authorship by writing to the first author (or supervisor, in case of a student first author), citing reasons for co-authorship.
- The modified draft paper should then be circulated to the authorship team for final review a week prior to submission. This stage is intended to pick up remaining minor errors, and not to raise new matters of substance.
- Approval by the PI(s) before final submission is required, although such approval may be implicitly assumed unless the first author is otherwise contacted by the PIs.
- Any disputes will be adjudicated by the PIs.

#### 4.3 Non-Refereed Papers

Being impractical to include large numbers of co-authors, papers which relate to approved research proposals are only required to include key authors. Copies of submitted papers should be forwarded to the PI(s).

#### 4.4 Other communications

Major announcements at conferences or meetings, articles for newspapers and the web, and all media releases need to be approved by the PI(s). Approval for normal conference presentations is not required. For major meetings, the management team will facilitate a coordinated submission of abstracts and, where appropriate, identify a Wallaby overview speaker.

## 5 Pre-Survey Publications

### 5.1 No ASKAP data

Proposed publications which do not contain ASKAP, early-science ASKAP or BETA data, but which refer to the scientific or technical capabilities of the Wallaby survey, should be forwarded to the PI(s) for approval. In general, papers for which Wallaby is not the major theme do not need to include Wallaby team members. However, refereed papers which are focussed on Wallaby (for example simulations and pipeline descriptions) will be expected to include the PI(s) and relevant members of the technical and science working groups.

### 5.2 ASKAP Commissioning

Wallaby papers<sup>1</sup> which include ASKAP data gathered outside the normal ATNF Time Assignment process (e.g. ASKAP commissioning or BETA data) are required to adhere to the policy outline in Section 4. Papers which are only partly related to Wallaby should be discussed with the Wallaby PI(s) beforehand. Such papers will normally only need to include those Wallaby team members who have been directly involved in the research. In each case, certain papers (*Key ASKAP Publications*) will need to include the *ASKAP Builders list* and follow the ASKAP Key Publications review procedure (Ball 2015).

### 5.3 ASKAP Early Science and Pilot Surveys

Wallaby has been allocated observing time for early science and a pilot survey. The goals are to begin to execute the Wallaby survey in specific regions for a limited and specific set of science goals, at the same time as undertaking technical verification. Such papers are therefore treated in the same way as main survey papers, and should follow the guidelines in Sections 3 and 4 above. Again, certain papers (*Key ASKAP Publications*) will need to include the *ASKAP Builders list* and follow the ASKAP Key Publications review procedure (Ball 2015).

## 6 ATNF Acknowledgements

Please see the current ASKAP Publication Policy (Ball 2015). The wording of acknowledgements may vary from time-to-time, so is not reproduced here.

### References

Ball, L. (2015). *ASKAP Publication Policy* ([www.atnf.csiro.au/projects/askap/ASKAP\\_Publication\\_Policy.pdf](http://www.atnf.csiro.au/projects/askap/ASKAP_Publication_Policy.pdf))

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<sup>1</sup> In the context of commissioning, a 'Wallaby paper' is a paper led by a Wallaby team member with the aim of achieving Wallaby science goals or developing capability to execute the main Wallaby survey.