

WALLABY Publication Policy

Lister Staveley-Smith, Bärbel Koribalski, Paolo Serra, Tobias Westmeier, Ivy Wong, Kristine Spekkens

Version	Date	Description	Edits
0.1	12 Nov 2012	Initial draft	LSS
0.2	22 Sep 2015	Update for Early Science	LSS
0.3	05 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	05 Nov 2019	Minor edits; builder opt-in; coordinated abstracts	LSS
1.1	02 Dec 2019	Co-authorship request to PS; disputes handled by MT; paper title requirements added; spelling and grammar corrections	TW
1.2	19 Mar 2020	Added builders list timing; removed background section; rearranged section on journal papers; a few minor edits	TW, KS
1.3	06 Aug 2020	Relabelled Eridanus as “pre-pilot”; added dissertations and overview paper	TW
1.3.1	12 Apr 2021	Added publication checklist in Appendix A	TW
1.4	14 Sep 2021	Revision of paper title requirements	TW

1. 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.

2. 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 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 website. Many of these proposals will be in place prior to commencement of the main survey.

3. Publications

3.1 General

Where practical, all WALLABY publications should include a reference to the main WALLABY survey description paper (Koribalski et al. 2020). All papers will also need to follow the ASKAP Publication Policy (Reynolds 2018). This includes a reference to the appropriate ASKAP system description paper and extensive acknowledgements.

3.2 Refereed Journal Papers

- (1) The title of refereed journal papers should start with ‘WALLABY’ followed by a colon (:) and the actual title of the work to be published. At the lead author’s request this requirement

can be waived by the PI in cases where the WALLABY data are not the primary focus of the paper.

- (2) Refereed journal papers are required to include the relevant WALLABY builders list that exists at the point in time at which the internal paper proposal is accepted or at which the data used in the paper are made available to the team, whichever occurs later. The builders list 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 data flow management.
- (3) The WALLABY builders list will be maintained by the WALLABY management team and will be available on the internal WALLABY website. 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 will also be considered on a case-by-case basis.
- (4) 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).
- (5) 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. 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 pre-release WALLABY data should be sought from the PI.
- (6) 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 WALLABY Project Scientist, citing reasons for co-authorship.
- (7) 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.
- (8) The explicit consent of all co-authors must be sought before a draft paper can be submitted to the journal. The official online WALLABY authorship agreement form must be used for this purpose. A copy of the form will be provided by the WALLABY management team at the request of the lead author. This procedure will not be required for resubmission of manuscripts following the regular peer-review process unless substantial changes to the initial submission have occurred, e.g. due to major modifications requested by the referee.
- (9) Approval by the PI before final submission is required, although such approval may be implicitly assumed unless the first author is otherwise contacted by the PI.
- (10) Any disputes will be adjudicated by the WALLABY management team.

3.3 Non-refereed Papers and Dissertations

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

Likewise, WALLABY student members can include the results of their approved research projects in their dissertation without requiring formal approval from the PI and without the need to include other authors.

3.4 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. 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.

4. Pre-survey Publications

4.1 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 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 and relevant members of the technical and science working groups.

4.2 ASKAP Commissioning

WALLABY papers¹ 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 outlined in Section 3. Papers which are only partly related to WALLABY should be discussed with the WALLABY PI 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 (Reynolds 2018).

4.3 ASKAP Early Science, Pre-Pilot and Pilot Surveys

WALLABY has been allocated observing time for early-science, pre-pilot and pilot observations. 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 (including Key ASKAP Publications) will need to include the ASKAP Builders list and follow the ASKAP Key Publications review procedure (Reynolds 2018).

The title of early science papers should start with ‘WALLABY Early Science’ followed by a colon (:) or dash (–) and the actual title of the work to be published. An optional Roman numbering scheme can be used to number papers in chronological order of publication. Likewise, the title of pre-pilot and pilot survey papers should begin with ‘WALLABY (Pre-)Pilot Survey’ followed by a colon (:) and the actual title of the work to be published. Pre-pilot and pilot survey papers shall not be numbered. These title requirements can be waived by the PI at the lead author’s request in cases where the WALLABY data are not the primary focus of the paper.

5. Acknowledgements

Please see the current ASKAP Publications Policy (Reynolds 2018) for the current requirements regarding ASKAP acknowledgements. The wording of acknowledgements may vary from time-to-time and for that reason is not reproduced here.

¹ 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.

6. References

- Koribalski, B. S., Staveley-Smith, L., Westmeier, T., et al., 2020, Ap&SS, 365, 118
<https://ui.adsabs.harvard.edu/abs/2020Ap&SS.365..118K/abstract>
- Reynolds, J. (2018). ASKAP Publications Policy
http://www.atnf.csiro.au/projects/askap/ASKAP_Publication_Policy.pdf

Appendix A. WALLABY Publication Checklist

This checklist is intended to provide guidance for the preparation and submission of **peer-reviewed WALLABY papers** in accordance with this version of the WALLABY publication policy. In each phase all of the boxes must be ticked off before moving on to the next phase.

Phase 1: Preparation of paper draft	<ul style="list-style-type: none"><input type="checkbox"/> Lead author is a WALLABY team member.<input type="checkbox"/> People who have directly contributed to the work (lead team) are listed as co-authors.<input type="checkbox"/> Title starts with "WALLABY:" or "WALLABY Early Science:" or "WALLABY (Pre-)Pilot Survey:", as appropriate (unless exemption sought).<input type="checkbox"/> Reference to WALLABY overview paper included. → Koribalski et al. 2020, Ap&SS, 365, 118<input type="checkbox"/> Paper adheres to WALLABY Data Policy, ASKAP publication policy and contains all necessary acknowledgements.
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Phase 2: Circulation of paper draft	<ul style="list-style-type: none"><input type="checkbox"/> Contact WALLABY project manager to request an authorship sign-up form to be set up for your paper. → tobias.westmeier@uwa.edu.au<input type="checkbox"/> Send a copy of the paper draft to all co-authors and the entire WALLABY team with a deadline of 2 weeks for comments.^[1] → wallaby-email-exploder@maillists.uwa.edu.au<input type="checkbox"/> Send the link to the authorship sign-up form to the relevant builders list to allow builders to opt in for co-authorship. → Builders lists and email addresses on Redmine
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... min. 2 weeks ...

Phase 3: Preparation of final paper	<ul style="list-style-type: none"><input type="checkbox"/> Prepare final version of paper taking into consideration all comments and feedback received.<input type="checkbox"/> Authorship list starts with lead author followed by lead team followed by (in alphabetical order) opted-in builders.<input type="checkbox"/> Circulate the final version of the paper to the entire authorship list with a deadline of 1 week for final comments.^[2]
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... min. 1 week ...

Phase 4: Submission of final paper	<ul style="list-style-type: none"><input type="checkbox"/> Update final version of paper with any additional comments received.<input type="checkbox"/> Submit final version of paper to journal.
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Notes: [1] WALLABY team members who are not on the builders list may request co-authorship by writing to the WALLABY Project Scientist, citing reasons for co-authorship.

[2] The final round of feedback is intended to pick up minor errors, not to raise new matters of substance.