

## **MWA Large Project Policy**

Version 1.0 (Heald), approved by the MWA Board on 2 October 2018

Version 1.1 (Heald), approved by the MWA Board on 12 October 2018

– Clarification of wording in items 5 and 8

Version 1.2 (Walker), approved by the MWA Board on 14 March 2023

– Modification of Large Project definition to include VCS observations, removed statements that limited policy's application to only Phase II MWA

This policy is applicable to Large Projects allocated on the Murchison Widefield Array (MWA). A Large Project is an observing program that accumulates at least 500 hours of telescope time using the correlator, or more than 100 hours with the voltage capture system (VCS), in one or more observing semesters, with the exception of data collected during observations primarily targeting EoR science.

1. This policy will be periodically reviewed and revised by the MWA Board, according to changes in project conditions.
2. If users of this policy identify issues relevant to this policy, but not explicitly covered by this policy, these issues can be raised in writing to the MWA Board Chair, for consideration by the Board.
3. Time for Large Projects will be made available at the discretion of the Director. Large Projects will only be available through Guaranteed Time. Availability of Large Project time will be advertised in the Call for Proposal for each semester where such observing time can be requested.
4. Proposals for Large Projects must include information about data management and dissemination, along with any other additional information requested in the Call for Proposals.
5. Science impact of Large Projects will be maximised through wide access across the MWA Collaboration to intermediate data products (in addition to raw data, which is available to all MWA members as specified in the Data Access policy). Specifically, Large Project teams must specify plans for producing and making available particular intermediate data products of value (e.g. calibrated visibilities) across the MWA Collaboration, as well as facilitating access to processing scripts and pipelines.
6. During the proposal review process, the MWA TAC will be provided with supplementary information solicited from the science team leads by the Principal Scientist. This information will clarify the degree to which the data management and dissemination plans are adequate to enable science output from each individual science team.
7. The accessibility of Large Project data will be assessed annually by the Director with advice from the Principal Scientist. Where data products are deemed to be insufficiently accessible, Large Project teams will be encouraged to work with science team leads to provide data more widely.

8. Large Project data products must be available at intermediate processing stages to all members of the MWA Collaboration as described in item (5). Multiple processing paths to the same data products should be encouraged to maximise reliability of final data. Team members who have contributed to producing intermediate or final data products will be granted access to authorship on publications deriving from Large Project team activities. In case of authorship conflicts, the Principal Scientist will make a recommendation to the MWA Board, whose decision will be final.
9. For data collected before or during semester 2018-B, review of data product accessibility will proceed as described in item (7).