

HAYABUSA2's Data Management Plan

March 5, 2019

The Hayabusa2 DAC Team

1. Purpose

The purpose of this document is to clarify the data management plan of the Hayabusa2 mission.

2. Schedule

2.1. Official Release

The scientific data will be released following the Memorandum Of Understanding between JAXA and NASA. The whole scientific data will be released both from JAXA's DARTS and NASA's PDS in PDS4 format (Table 1).

Table 1 Official data release schedule

Date	Release	Overview
December 1, 2020	First public release	The first official public release. The data format is PDS4, and data will be published both from JAXA's DARTS and NASA's PDS.
December 1, 2021	Second public release	The second official public release by the Hayabusa2 project. After this, the data release will be managed by each instrument team, not by the project.

2.2. Preliminary release

For journal paper publications or other important situations, the scientific data MAY be released preliminary. In this case, the required materials such as data, figures, tables, software, or other assets, will be prepared NOT in PDS4 format. However, the scientific data in these materials will be released in PDS4 format

by the official release. Table 2 shows the achievement and plan of preliminary release. The datasets around Earth Swing-by was released in January 2017. Raw through calibrated images used for constructing the shape model will be available in the DARTS archive by December 2019.

Table 2 Preliminary data release schedule

Target	Operation period	Data release
Data obtained by the instruments around Earth Swing-By	Nov. 2015 to Jan. 2016	Jan. 2017
Raw or calibrated images used for constructing the shape model	Jun. 2018 to Dec. 2018	Dec. 2019 (plan)

3. Data Access

3.1. Official Release

JAXA DARTS:

1. DARTS: <http://darts.isas.jaxa.jp/>
2. DARTS PDS4: <http://darts.isas.jaxa.jp/pub/pds4/>

NASA PDS:

1. PDS: <https://pds.nasa.gov/>
2. Small Body Node: <https://pds-smallbodies.astro.umd.edu/>

3.2. Preliminary release

For the preliminary release of scientific data, the Hayabusa2 website is available:

1. Summary page: <http://darts.isas.jaxa.jp/planet/project/hayabusa2/>
2. Data access: <http://darts.isas.jaxa.jp/pub/hayabusa2/>

If the data access page is not enough for paper submission, the Hayabusa2 project will prepare a hidden URL to put materials for reviewers. After publication, these materials are moved to a public URL. Normally, the following URL will be used for journal paper submissions:

<http://darts.isas.jaxa.jp/pub/hayabusa2/paper/<achronym of paper>/>