

**Honolulu AAS Meeting
JWST Proposal Planning Workshop
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Defining Observations Exercise

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Repeat of NIRISS Example

- Select Observations and click on “New Observation Folder.”
- Label Observation Container as M51.
- Include Comments (If you want).
- Click on Observation 1 and change the label to NIRISS.
- Fill out the instrument/template/target (NIRISS/NIRISS Imaging/M-51).
- Add the filter’s exposure specification (F140M/3/1)
- Save File (File>Save As).
- Add a second filter. Try editing the tables (add, remove, duplicate, and move).
- File>Revert if you want.

Creating a MIRI Observation

- Now, add a second observation. It should be a MIRI imaging observation with M51 as the target. Add a 4 point dither. The starting set should be 1, and the number of sets should be 2.
- Add a 560W filter. Set number of groups to 5 with 1 integrations and 1 exposure. The dither should be Dither 1.
- File>Save
- Try editing observations in the tree editor (duplicate, multiple duplicate, cut/copy/paste, delete)

Creating a NIRCam Observation

- Create a NIRCam observation with a target of M100. The template should be NIRCam imaging. Module should be All, and the subarray should be Full. Select whatever value you want for the primary dither number. Use F115W/277W, F200W/F300M, and F212N/F480M as the filters. Groups should 2, and integrations should be 1. Select RAPID as the readout.