This template is intended to capture all the information relevant for setting up an observation after proposal acceptance.

Setup of the observation information is primarily done by the proposing astronomer and staff responsible astronomer if assigned.

[**Motivation**](#_ifpe18ryeb0g) **1**

[**Staff astronomer responsible**](#_tggb65og08pt) **1**

[**Proposal id (see here for ID guidelines)**](#_boqnr4hiepoz) **1**

[**Scheduling information**](#_8zncimdcdh1m) **1**

[Observation catalogue information](#_c3iy04v0kudx) 1

[**[Optional] Additional telescope setup information**](#_26l79zcowonl) **2**

[**[Optional] Special instructions**](#_nkx6s81t3ufa) **2**

# Motivation

# Staff astronomer responsible

# Proposal id (see [here](https://docs.google.com/document/d/1eOiWE9vDgx8JREXiUrNB2xtZPQBFOQqow0veu5rna-8/edit#heading=h.r4dd29ee945w) for ID guidelines)

# Scheduling information

## Observation target information

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Intent** | **Name** | **RA, Dec** | **LST start** | **LST set** | **Duration** | **Cadence** |
| bpcal  gaincal  target |  | HH:MM:SS, DD:MM:SS | hours as float | hours as float | seconds | seconds |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## Observation catalogue provided

* Observation catalogue[[1]](#footnote-0)  
  Filename:
* Observation configuration file[[2]](#footnote-1)  
  Filename:

# [Optional] Additional telescope setup information

|  |  |
| --- | --- |
| **Subarray restrictions:** | |
| **Baselines constraints** |  |
| **Array size constraints** |  |
| **Required antennas** |  |
| **Observation setup:** | |
| **Imaging/ Beamformer** |  |
| **Telescope instrument setup**  **(commonly known as correlator mode)** |  |
| **Band** |  |
| **Dump period (seconds)** |  |
| **Scheduling considerations:** | |
| **minimum duration of observation (seconds)** |  |
| **maximum duration of observation (seconds)** |  |
| **Delaycal / phasecal[[3]](#footnote-2) / phasedown** |  |
| **Day/night** |  |

# [Optional] Special instructions

1. Detail on required catalogue information and expected layout can be found <https://github.com/rubyvanrooyen/astrokat/wiki/Observation-target-specification> [↑](#footnote-ref-0)
2. Instruction for converting an observation catalogue to a configuration file

   <https://github.com/rubyvanrooyen/astrokat/wiki/Catalogues-to-configurations> [↑](#footnote-ref-1)
3. Typically only do phasecal (phaseup) for beamformer observations or when the observation activates the noise-diode [↑](#footnote-ref-2)