



## Observer Info

Observer Name(s):

Program ID:

Telescope Operator(s):

## Filter Status

SLOAN-i

**SLOAN-i**

## Grism Status

Low-Red

**Low-Red**

Science Bias Dark Flat Buffer

## Science

Object Name:

Nr. Exposures:

Comments:

☐ Save single frames

## Acquire

Base Filename:

Image Type:

Exp. Time (s):

Exp. #

Subtract for Display: ☐ Bias ☐ Dark ☐ Flat ☐ Buffer

Expose 0 %

Readout 0 %

## FITS manager

Load last file

RA:

Filter:

Nr. of stars

Survey

Query Simbad

## Query Simbad

Survey

Query Simbad

## Sky (RA,Dec) regions

load (RA,Dec) regions from astropy .reg file

Loaded Region File in RADEC units:

get center/point (RA,Dec) from filename

Point, take an image and twirl WCS from GAIA...

convert (RA,Dec) regions -> (x,y) regions

save (RA,Dec) regions -> astropy RADEC.reg file

## CCD (x,y) regions

load (x,y) regions from .reg file

Loaded Region File in CCD units:

convert (x,y) regions -> (RA,Dec) regions

DRAW

save (x,y) regions -> astropy .reg file

## DMD slits

Load Slit .csv table

Current Slit Grid

convert slits -> (x,y) pixels

**Slits -> DMD**

Save Slit .csv table

Saved Slit .csv table

## Slit Configuration

Slit width (mirrors)

Slit length (mirrors)

Apply to All

Slit Pointer ☐

Draw ☒

Edit ☐

Pick ☐

Show Traces

Remove Traces

View Slit Table

Create Pattern Series with No Overlapping Slits

Generate Patterns

Base Pattern Name

Save This Sub Pattern

Save All Sub Patterns

Open File

point

red

Fill

Alpha: 1.0

Slits Only

Clear Canvas

Save Canvas

Quit