

**PRINCE GEORGE ASTRONOMICAL SOCIETY
ROYAL ASTRONOMICAL SOCIETY OF CANADA
PRINCE GEORGE CENTRE**

**7365 Tedford Road
Prince George, BC
V2N 6S2**

Robotic Telescope Project (RTP) Minutes

August 30, 2022

Meeting Number: RTP023

Date: August 30, 2022

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Glen, Malhar, Gil, Rob

Meeting Called to Order at 7:00pm.

1. Approval of Minutes of RTP022

Motion: To accept the meeting minutes of RTP022 August 16, 2022

Moved: Rob Seconded: Gil Carried

2. Old Business

- Purchase a Canon CCD CLS filter to reduce light pollution and improve nebulosity and capture of infra-red light. (Purchased approved at PGC210 meeting)

Malhar's report

- Work with Rob on Alcyone software inventory.

Glen's report

- Will work with Jim Van Doren on the lower shutter cable spooling problem.

- Waiting for TheSkyX invoice to reimburse Bob.

Rob's Report

- Work with Malhar on Alcyone software inventory.

- P8055 USB interface board components mounted.

Gil's Report

- Will look into mirror cover mechanism material options at hobby stores when in Vancouver in September.

3. New Business

- Remove spectrograph and mount ST9 CCD camera in its place.

- Mount Ian's telescope on 0.6 m telescope box.

- Rebalance 0.6m telescope

- Glen to purchase Canon CCD CLS filter. (Completed 2022-08-31)

4. Current actionable items

Malhar:

- Work with Rob on ST9 and ST10 drivers on a Win10 machine.

Rob:

- Work with Malhar on ST9 and ST10 drivers on a Win10 machine.
- Collaborate with Glen re lower shutter control interface.
- Upgrade Maia and possibly Alcione to Windows 10.

Glen:

- Resolve the lower shutter cable spooling problem.
- Collaborate with Rob re lower shutter control interface.

Gil:

- Investigate hardware for operation of the mirror cover.

5. Outstanding tasks and priority

- Mirror cover mechanism
- Homing coordinates following full sky mapping.
- Polar alignment
- Flip mirror automation
- 4Shooter automation
- Suitable remote focuser for Canon DSLR camera.

6. Date, Time, and Location of the next Robotic Telescope Project committee meeting

- The next committee meeting (RTP024) will be held on Tuesday September 13, 2022 starting at 7:00 pm using Zoom.

7. Adjournment: Meeting adjourned at 7:58pm.