

**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

April 12, 2022

Meeting Number: RTP015

Date: April 12, 2022

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Malhar, Glen, Bob

Meeting Called to Order at 7:12 p.m.

1. Approval of Minutes of RTP014

Motion: To accept the meeting minutes of RTP014 March 29, 2022.

Moved: Glen Seconded: Bob Carried

2. Old Business

- Rob to purchase Cloudwatcher.
- Bob purchased MaxIM DL LT program.

Malhar's report (Still in progress)

- Next clear night - T-Point
- Evaluated ECU, DC3Dreams software

Glen's report

- Researching various motors, power supplies, controllers, gear boxes, and pulleys for lower slot door automation.
- Dome rotation limit switches need to be repositioned.

3. New Business

- ECU, DC3Dreams software works well on a Win10 machine.

4. Current actionable items

Malhar:

- TPoint run with Bob.

Rob:

- Continue with Raspberry Pi configuration.
- Collaborate with Dave Lane on code for shutter and dome control system.
- Back up Alcyone and Maia computers.

Bob:

- Replace desiccant in ST9 and ST10 cameras.
- TPoint run with Malhar.
- Flip mirror.

Glen:

- Replace UPS batteries.
- Reconfigure rack mounted UPS to work with digital logger.
- Automate lower slot door.
- Reposition dome rotation limit switches.

Gil:

- Flip mirror.

5. Outstanding tasks and priority

- Work on automating the lower slot door.
- TPoint alignment
- Polar alignment
- Flip mirror automation
- 4Shooter automation
- Mirror cover mechanism

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

- The next committee meeting (RTP016) will be held on Tuesday May 26, 2022 starting at 7:00 pm using Zoom.

7. Adjournment: Meeting adjourned at 8:35 pm.