

**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

October 4, 2022

Meeting Number: RTP025

Date: October 4, 2022

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Glen, Malhar, Gil, Rob

Meeting Called to Order at 7:38pm.

1. Approval of Minutes of RTP024

Motion: To accept the meeting minutes of RTP024 September 13, 2022

Moved: Glen Seconded: Rob Carried

2. Old Business

- Canon CCD CLS filter on site.
- Purchase and install AC surge suppressor.
- Purchase ACP Pinpoint software.

Malhar's Report

- Synced the dome and telescope, created file called New_Sync_20220929.sky.
- Work on TPoint.
- Update on RTP to be given at AGM.

Glen's report

- Will work with Jim Van Doren on the lower shutter cable spooling problem.
- Ran new upper and lower shutter limit switch cables to incorporate remote sensing requirements.
- Ran interface cable and dressed all cables.
- Encountered a problem activating the mirror cover motors. Enlisting Gil's assistance.

Rob's Report

- Shutter control interface software in beta testing phase.
- Wi-Fi insecurities to be dealt with.
- AC surge suppressor installed.

Gil's Report

- Work with Glen on mirror covers.

3. New Business

- Discussion on remote flip mirror automation.
- Discussion on 4Shooter automation.
- Discussion on ST9, ST10 auto focusers.
- ACP Pinpoint software purchased.

4. Current actionable items

Rob:

- Finalize upper shutter software implementation for remote operation.

Glen:

- Concentrate on getting the mirror cover operational.

5. Outstanding tasks and priority

- Upper shutter remote operation.
- 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 (RTP026) will be held on Tuesday October 18, 2022 starting at 7:30 pm using Zoom.

7. Adjournment: Meeting adjourned at 9:08pm.