

**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

May 2, 2023

Meeting Number: RTP028

Date: May 2, 2023

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Glen, Malhar, Gil, Rob

Meeting Called to Order at 7:33pm.

1. Approval of Minutes of RTP027

Motion: To accept the meeting minutes of RTP027 April 11, 2023

Moved: Glen Seconded: Gil Carried

2. Old Business

- Clean Primary Mirror on Saturday May 6 @ 10AM. Weather dependent.
- Install primary mirror cover.
- Research Win11 driver for Mallincam.
- CCDOPS V5 for ST* cameras donated by Malhar.
- Win10 Drivers for ST10 camera are backed up.

Malhar's Report

- Looking for freeware to run the 0.61m, CCD and check for compatibility.
- No issues with the main telescope except TPoint and polar alignment.
- SBIG ST-10 and ST-09 failed to connect with CCDSoft.
- May need to reschedule mirror cleaning.

Rob's Report

- Mirror cover passed initial bench tests. Some modifications may be required upon mounting it to the telescope in early July.

Glen's Report

- Mallicam software will work on Win11.

3. New Business

- Need to install 5vdc 2-amp power supply and USB cable for mirror cover.
- Malhar to contact Cedric regarding acquisition of various Ascom drivers.
- Troubleshoot loss of connection to ST9 and 10 drivers.

4. Current actionable items

Rob:

- Finalize upper shutter software implementation for remote operation.
- Continue development of software to control data loggers.

Glen:

- Install primary mirror cover once the mirror has been cleaned.
- Install 5vdc 2-amp power supply and USB cable for mirror cover.

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 (RTP029) will be held on Tuesday May 16, 2023 starting at 7:30 pm using Zoom.

7. Adjournment: Meeting adjourned at 8:50pm.