

**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 11, 2023**

Meeting Number: RTP027

Date: April 11, 2023

Location: Zoom Meeting

Chairperson: Rob Woods

Recording Secretary: Glen Harris

Committee Members present: Glen, Malhar, Gil, Rob

Meeting Called to Order at 7:38pm.

**1. Approval of Minutes of RTP026**

Motion: To accept the meeting minutes of RTP026 October 25, 2022

Moved: Gil                      Seconded: Rob                      Carried

**2. Old Business**

- Begin formulating a list of needs for the gaming grant request.

a. Public Outreach Program:

Emphasis on Educational Outreach including STEM curriculum in schools, First Nation interaction, Handouts, Open House children's craft supplies.

b. Maintenance:

Colour Laser Printer, Network storage, Alcyone computer replacement, Public Access Wireless Access Point, Wi-Fi Security.

c. Robotic Telescope Project Program:

Remote access focusers for the ST10 CCD and Canon DSLR cameras.

**Malhar's Report**

- Continues trying to motivate his workers.

**Rob's Report**

- Set up VPN for communication with all devices on the local network.

- Created software to communicate with digital loggers. Additional work required.

**Glen's Report**

-Constructed a primary mirror cover.

**3. New 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 is backed up.

#### **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.

#### **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 (RTP028) will be held on Tuesday April 25, 2023 starting at 7:30 pm using Zoom.

**7. Adjournment:** Meeting adjourned at 8:57pm.