

**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 24, 2022**

Meeting Number: RTP018

Date: May 24, 2022

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Glen, Malhar, Gil, Bob.

Meeting Called to Order at 7:05 pm.

**1. Approval of Minutes of RTP017**

Motion: To accept the meeting minutes of RTP017 May 10, 2022.

Moved: Glen    Seconded: Gil            Carried

**2. Old Business**

- Purchase and install ECU planetarium program and DC3 Dreams.
- Cloud Sensor has been shipped.

**Malhar's report (Still in progress)**

- TPoint unsuccessful, Sky6 kept crashing.
- Replaced desiccant in ST-10 camera
- Installed ECU on Alcyone
- Power outage at observatory. Turned everything back on.
- Dome sync mode settings saved to Alcyone.

**Glen's report**

- Winch motor bracket and motor mounted.
- Installed pulley on hand crank, sized V belt.
- Pre-loading mechanism is snagging on lower slot shutter and requires modification.

**Bob's report**

- Sourcing flip mirror chain.

**3. New Business**

- Purchase backup copy of The SkyX in the event that ECU program doesn't meet expectations.
- MaximDL program received.
- Reimbursements as required.
- When Alcyone is upgraded to Win10, use ECU and associated software to map the sky.

#### **4. Current actionable items**

Rob:

- Collaborate with Glen re lower slot door limit switches.
- Upgrade Alcione and Maia to Windows 10.

Bob:

- Flip mirror.

Glen:

- Replace UPS batteries.
- Reconfigure rack mounted UPS to work with digital logger.
- Continue with the automation of the lower slot shutter.
- Collaborate with Rob re lower slot shutter limit switches.

#### **5. Outstanding tasks and priority**

- Work on automating the lower slot shutter.
- 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 (RTP019) will be held on Tuesday June 7, 2022 starting at 7:00 pm using Zoom.

**7. Adjournment:** Meeting adjourned at 8:05 pm.