

**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**

**February 1, 2022**

Meeting Number: RTP009

Date: February 1, 2022

Location: Zoom Meeting

Chairperson: Malhar Kendurkar

Recording Secretary: Glen Harris

Committee Members present: Malhar, Glen, Gil, Rob

Meeting Called to Order at 7:20 p.m.

**1. Approval of Minutes of RTP008**

Motion: To accept the meeting minutes of RTP008 January 18, 2021.

Moved: Glen                      Seconded: Gil                      Carried

**2. Old Business**

Actionable items:

- Polar alignment.
- TPoint alignment

**Bob, Malhar**

**Bob, Malhar**

**3. New Business**

- Re-ordered the AllSky camera.
- Authorize Rob to purchase hardware link from Weather Station to local network.
- Observatory site visit on Saturday.

**Glen's report**

- Orientation with Rob regarding software and hardware.
- The functionality of the main telescope's RA limit switches has been restored and tested.
- The dome rotation limit switches are operational.
- Configured and installed the Davis Weather Station.
- Wiring of the RA homing sensor is complete.
- Installed Digital Logger and associated AC house wiring.
- Installed AllSky camera power and USB extender cables.
- Installed infra-red camera and associated CAT5 cable.
- Installed digital logger CAT5 cable and AC cross connect cables.

**Gil's Report**

- AllSky camera purchase was cancelled by PayPal.

### **Current actionable items**

Malhar:

- Polar alignment with Bob.
- TPoint alignment with Bob.
- Resolve dome sync problem.

Glen:

- Dec homing circuit wiring.

Bob:

- Polar alignment with Malhar.
- TPoint alignment with Malhar.

Rob:

- Weather Station link investigation.
- Digital logger activation.
- Infra-red camera activation.
- Firewall installation.
- Network all computers.
- Computer inventory.

### **Task Priority:**

- TPoint alignment
- Polar alignment
- Guiding
- Telescope homing
- Dome Slot limit switches
- Build dome slot motor controller
- Software update
- Flip mirror automation
- Mirror cover mechanism

### **Outstanding items:**

- If mirror cover plans are provided, build it ourselves.
- DSLR image link to website.
- All Sky weather camera link to website
- Weather station link to website.
- Infrared camera link to website.

### **4. Date, Time, and Location of the next Robotic Telescope Project committee meeting**

- The next committee meeting (RTP010) will be held on Tuesday February 15, 2022 starting at 7:00 pm using Zoom.

### **5. Adjournment:** Meeting adjourned at 9:00 pm.