

New telescope for the VCO

RASC Victoria Centre's observatory

VCO →

Observatory Hill

Observatory Rd

© 2017 Google

Google Earth

2010

48°31'11.85" N 123°25'06.73" W elev 227 m eye alt 627 m



16" F/8 Ritchey Chretien

TPO 16" F/8 Ritchey Chretien

- ✦ Carbon fibre truss tube
- ✦ 3" Crayford-style focuser
- ✦ Low expansion quartz primary and secondary
- ✦ 99% dielectric mirror coatings
- ✦ No coma or aberrations & flat field

Automatic focusing

- ✦ Feather Touch focuser
- ✦ Focus controller
- ✦ Focus motor
- ✦ Precise auto focus using software



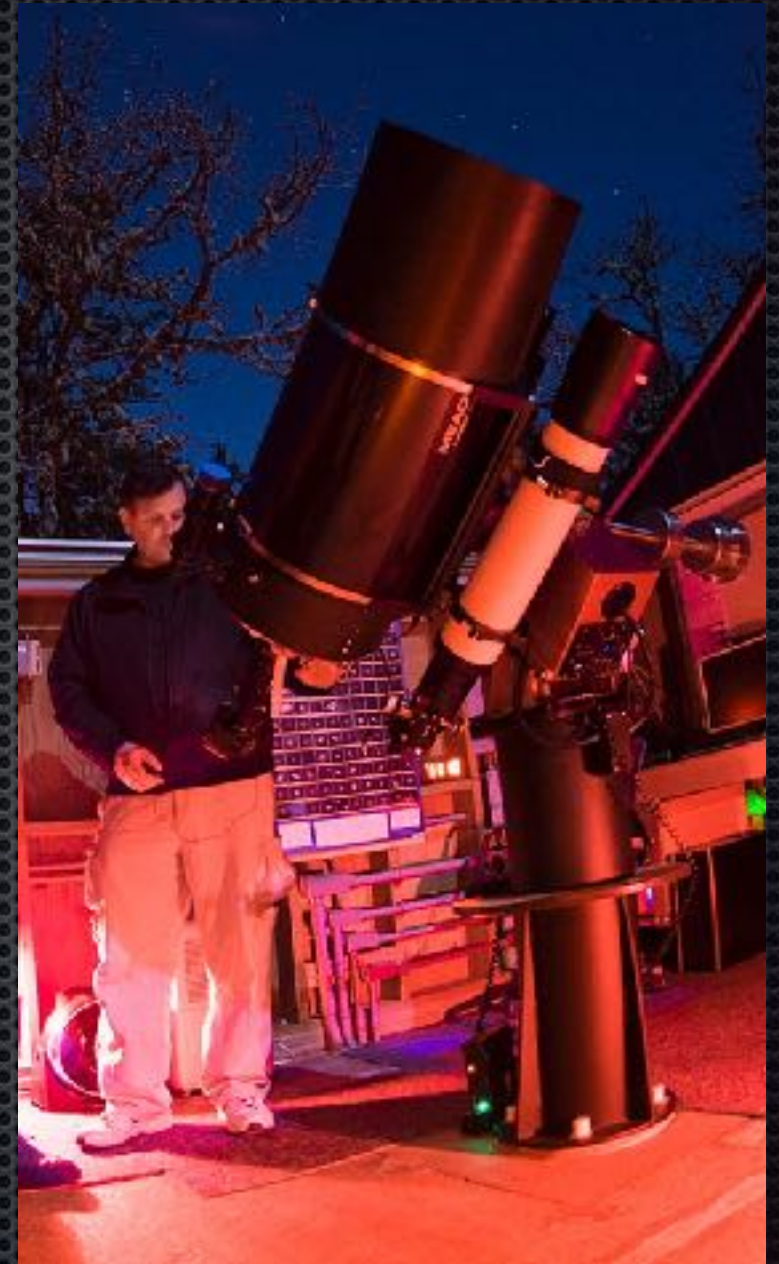
Off-axis guiding

- ✧ Celestron off-axis guider
- ✧ Guiding & imaging camera
- ✧ Auto guiding using software
- ✧ Acquire images and guide precisely



Gear being replaced

- ✦ Meade 14" SCT OTA
- ✦ Cradle for 14"
- ✦ Hyperstar f/2 for SCT
- ✦ Tele Vue NP 127 is apochromatic refractor



Gear being kept

- ✦ Paramount ME mount
- ✦ QSI 583c imager
- ✦ Computer systems
- ✦ Visual observing telescopes, eyepieces & accessories

Cost

- ✦ Upgrades \$14,000
- ✦ Surplus proceeds \$7,800
- ✦ Net cost \$6,800

Fundraising

- ✦ Target \$5,000
- ✦ More info: <https://victoria.rasc.ca/vco-upgrade/>
- ✦ See Joe Carr to donate