

MOA-II telescope daily check sheet (ver. 2.3)

Date: 20/ 8 / 2016 Name: Mei, Paul

Sun set 17 : 56 rise 17 : 26

Astronomical Twilight 19 : 33 5 : 49

Moon set 8 : 16 rise 18 : 55

Expected start work 18 : 03

Expected observation: start 19 : 03 end 6 : 39

before OBS 17 : 42 after OBS 6 : 42

CCD temp. -95 C -102 C

CCD vacc. 7.1×10^{-6} mbar 6.8×10^{-6} mbar (before pump)

Dome temp. 12.1 C 5.0 C

Compressor 1.75 MPa 1.7 MPa

He Cylinder 3100 kPa(☐opened valve) 3100 kPa(☐opened valve)

Check before open the dome slit and move telescope

- ☐ No obstacle around telescope?
- ☐ Appropriate scaffold position?
- ☐ No rain, Wind < 10m/s?
- ☐ Bellows removed? (☐Yes, ☐ Not pumping)
- ☐ Confirm slit/mirror opening by your eyes?
- ☐ Check weather and status at the beginning and the end of observation(the time written above) and every 1 hour and record on-line log. Table below is just for memo. Status: observing or waiting. weather: Fine, slightly cloudy, cloudy, Overcast, rainy, snow, strong wind
- ☐ Check air conditioner & check sheska server?

Time	Status	Weather	Time	Status	Wheather
:			:		
:			:		
:			:		
:			:		

Check When finish

- ☐ Move-for-finish before mirror close?
- ☐ Confirm mirror / slit closing by your eyes?
- ☐ Power off telescope by ☐ z-command? or ☐ driver unit by hand?
- ☐ Close "ALL" valve?
- ☐ Check Silica Gel?
- ☐ Pumping? (☐Yes, ☐ No)
- ☐ Record and upload on-line log?
- ☐ Run allbackup1.pl? (Back up the observed data?)
- ☐ Camera (cloud monitor, MOA-cam3) off?
- ☐ Check air conditioner & turn off Dome breaker?