

# MOA-II telescope daily check sheet (ver. 2.2)

Date: 09/09/2023 Name: PAUL

Sun set 18:19 rise 06:51

Astronomical Twilight 19:55 05:15

Moon set 13:06 rise 04:47

Expected start work 18:25

Expected observation: start 19:25 end 06:05

	before OBS	:	after OBS	:
CCD temp.	<u>-98</u> C		<u>-100</u> C	
CCD vacc.	<u><math>3.1 \times 10^{-6}</math></u> mbar		<u><math>2.8 \times 10^{-6}</math></u> mbar (before pump)	
Dome temp.	<u>12.0</u> C		<u>8.5</u> C	
Compressor	<u>1.8~</u> MPa		<u>1.8~</u> MPa	
He Cylinder	<u>~</u> kPa ( <input type="checkbox"/> opened valve)		<u>~</u> kPa ( <input type="checkbox"/> 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

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?
- Check\_data and compressed data, (copy DLT) ?
- Camera (cloud monitor, MOA-cam3) off?
- Check air conditioner & turn off Dome breaker ?