

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

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Sun set 18 : 29 rise 06 : 39

Astronomical Twilight 20 : 06 09 : 58

Moon set 09 : 02 rise 22 : 19

Expected start work 18 : 36

Expected observation: start 19 : 36 end 05 : 48

before OBS 18 : 19 after OBS 06 : 00

CCD temp. -95 C -107 C

CCD vacc. 4.0×10^{-6} mbar 3.1×10^{-6} mbar (before pump)

Dome temp. 11.7 C 3.5 C

Compressor 1.7 MPa 1.65 MPa

He Cylinder 100 kPa(☐opened valve) 100 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

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 ?