Day: Date: SA: OSA:

Access to Telescope & Dome: Check previous sheet for any restrictions still in force.

Sign-On			Sign-Off		
Local Time	Description of Restriction. *(Lock off/on if necessary)*	Initials	Local time	Sign-Off Note	Initials

Telescope & System checks:

  *Instrument(s) configuration*_____

Logging OUT and restarting: **Obssys/DAS** *yes / no*   **TCS** *yes / no*   Circle Choice

RMS SERVO ON, tracking position: **1h HA**(LST-RA) **40** deg. **Dec** for 1 minute, **RMS SERVO OFF**

TRACKING TESTS	Rotator 1 RMS value	Rotator 2 RMS Value
Azimuth (~315 deg)		
Altitude (~73 deg)		
Indicate which rotator CASS/ PRIME/ GHRIL/ GRACE Rotator		

SECONDARY FOCUS ☐   **MIRROR PETALS** ☐   **DOME** ☐   **NASMYTH FLAT** ☐
(all opening?)   (aligned?)
(after bad weather exercise lower shutter)

Instrument(s), TVs & Autoguider(s) Checks:
IMPORTANT: For spectroscopic instruments, make sure that arc lines are detected on the CCD and are not grossly out of focus. **Use commands that will NOT move mechanisms that have been set-up by the observers. This particularly applies to COLLIMATORS and GRATINGS**. Also follow written instructions for each instrument.

Instrument(s) ☐   **Autoguider(s)** ☐   **TV(s)** ☐   **Calibration lamps and Acquisition unit(s)** ☐

Detector Checks: Use 'slow' mode, **compare bias/noise** with detector web pages.

Detector	Run N^o	Bias Level (**slow** mode)	Noise (ADUs)	Sensitive to light / arc lines visible (*yes/no*)

Checks completed by:_____Time:_____

If checks were finished after 15:00 (or 14:00 first nights of each science run with AF2 and AO in winter (October..March)) state why:………..

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Filling Cryostats, Telescope Focus and Calibrate Results:

CCDs:	Time Filled/Initials	Time Filled/Initials	Time Filled/Initials

FOCUS:	Tel. Foc.	T. Comp	AG Foc.	TV Foc.	**Rotator Centre** re-determined? *Yes / No*
CASS					Focal Station:
PRIME					Value (x,y):
GHRIL					TCS Version:
GRACE					Calibrate used: new/ default/ last

Temp Inside:		Temp. Out:		Hum. Inside:		Hum. Out:	
CALIBRATE RESULTS:	Azimuth Index	Error	Elevation Index	Error	Horizontal Collimation		Error
New Results							
Sky sigma (arcsec):							

NIGHT LOG:

Dome Opened: Sunset: End astr. twilight: Observing Started:

Time Stopped	Time Started	Reason: (if a technical problem, submit a report)	Fault Number	Initials

Observing Stopped: Start astr. twilight: Sunrise: Dome Closed:

Dark hours available: Lost to bad weather: Lost to faults:

Twilight (after sunset, before sunrise) hours lost and reason:

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