

# OPENING CHECKLIST

1. Check the **log book** for any restriction to open/move the telescope
2. Wear the **lone-worker alarm** if you are alone in the INT
3. Check the **weather/MET** system
4. Check that the **humidity alarm** is ON and switched to 75%
5. Fill in your data in the “**Who goes there?**” window on the ICS
6. Check the date on the **observing log** (change night if necessary)
7. Send the **lift** at least one floor down and turn OFF its lights
8. Open the **South doors** (only if wind < 40 km/h and humidity < 75%)
9. Fill the **cryostat**
10. Fill the **log book**
11. Go to the dome and check that the **telescope is free to move** (the cryostat is NOT connected to the LN2 dewar and the dome floor is clear)
12. Rotate the **dome** towards the East
13. Switch all **dome lights** OFF
14. Open the **dome shutter** (only if wind < 80 km/h and humidity stable < 80%)
15. Open the **mirror** covers
16. Turn the **dome fan** ON
17. Turn the **Oil pump** ON
18. Move the **telescope out of Access Park** (WFC only, manual override)
19. Do **Zeraset** at Zenith (first night only)
20. Set the telescope to **Computer mode**
21. Close the **control room blind**
22. Do a single-star **calibrate**
23. Set the telescope **focus value** (do a focusrun or use the value on the whiteboard)

**IMPORTANT NOTE:** For safety reasons, if the observer decides to leave the INT telescope at anytime during the night (between sunset and sunrise) they should call the WHT control room to inform the WHT TO.

**WHT OSA/TO mobile number: 616 974 513**

# *CLOSING CHECKLIST*

1. Turn the **Autoguider** OFF
2. Turn the **Acquisition Camera** OFF (IDS only)
3. Turn all the **calibration lamps** OFF (IDS only)
4. Close the **mirror** covers
5. **Park zenith**
6. Rotate the mount **rot sky 0** (IDS only)
7. **Park ap1** (WFC only)
8. Rotate the **dome** to 212 degrees (with ice/snow)
9. Change to **ENG** mode
10. Close the **dome shutter**
11. Lower the telescope to **Access Park** (WFC only, manual override)
12. Turn the **Oil pump** OFF
13. Turn the **dome fan** OFF
14. **Accept alarms** (horizon/oil)
15. Close the **South doors**
16. Fill the **cryostat**
17. Fill the **log book**
18. Create the **observing log (night report)**
19. Switch the **humidity alarm** OFF (middle position)
20. Turn all the **lights** OFF (toilets, kitchen, dome and control room)
21. Leave the **lone-worker alarm** in the INT control room
22. During weekends/public holidays **lock** (with key) the main building door
23. Leave the telescope **key** at the Residencia

## *CLOSING IN A HURRY*

(e.g. if the weather suddenly gets bad)

1. Close the **mirror covers**
2. Close the **dome shutter**
3. Close the **South doors**
4. Stop and readout the current **exposure** (commands finish or newtime)