Nightly "SLEEP" Checklist
Mount Lemmon 60"
ver. 4.0 - Last Update: 09/01/2019

This is for a NIGHTLY Shut Down from an OPERATIONAL Condition.

NOTE: THIS CHECKLIST DESCRIBES THE CORRECT PROCESS, **IN THE PROPER ORDER**, TO PUT THE TELESCOPE TO "SLEEP".

Initial Shut Down Steps

1. Location: **"Observer's Position"**
   1. At the end of the night, after the last field has been validated, Click on **"ARCHIVE"** to begin that process.

   2. **Pause** and then **Abort** the queue in the Acquisition window.

   3. **Stop** the Telemetry in the Acquisition window.

   4. When the archiving is compete the file transfer window will open and you will be given the option to build a flat from that night's data. It is recommended flats are regularly built from each night's data, unless the conditions were poor. (I.E. Partly to Mostly Cloudy for much of the night.)

   5. **DO NOT Clean Up and Quit Control!** Leaving Control running is required to ensure that the camera stays cold during the day!

   6. Proceed with burning the Blu-ray archival disc for the night.

   7. Send an Observing Report for the night. Sending the report at the end of night is recommended so any issues reported can be addressed by the rest of crew during the day.

   8. Using the TCS-NG GUI, send the telescope and dome to their appropriate positions to close the lower dome shutter (**ALT 85 / AZM 225 works well for this).** Leave this interface running & connected.

2. Location: **"The Dome"**

1. Turn **"OFF"** any **fans** that are still running.

2. **CLOSE** the telescope's **dust covers.**

3. **CLOSE** the **lower dome shutter.**

4. Once the telescope's dust covers are closed, **CLOSE** the **upper dome shutter.**

"Securing" the Computers

3. Location: **"Observer's Position"**

    1. Using the **TCS-NG GUI**, send the **telescope & dome** to their **STOW** positions.

    2. Once both the telescope and dome have reached their stow positions, and all indications of movement have stopped, **disconnect the TCS-NG GUI** from the TCS-NG computer and **shut the program down**.

    3. **Shut down** any other programs and terminal windows that are running, but no longer needed.

    4. When the remainder of your work is complete, turn **"OFF"** all of the computer monitors.

    5. **BEFORE** leaving for the night turn **"OFF"** **the floor heater**, if they were turned on.

    6. **Confirm** any food has been secured in sealed containers or in the refrigerator.

    7. If you are not using the on-site bedroom, turn **"OFF"** all lights, turn **"ON"** the alarm and **SECURE** the outer doors, **CONFIRMING** the outer door(s) are locked.

The telescope is now put to "Sleep" for the day.