AstraLux Checklist: Short Version (one page)

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1 Afternoon Tasks

- Check that the raw data has been copied to your hard-disk correctly.
  Copy the pipeline output files.
- Prepare next hard-disk for raw data storage so you don't have to do this in the morning.
- Stop pipeline, clean pipeline and raw data directories on the pipeline machine `apipe` and on the Windows machine `pleione`. Make really sure that you have copied / saved all data! Restart pipeline.
- Check for sufficient hard-disk space on pipeline machine and Windows.
- If you changed any filters, edit the filter list of the filter wheel GUI accordingly.

2 Evening Startup

- On `xt22` in the control room, set up the remote connection to the camera, the telescope tools, and the pipeline. If still running, you should restart the pipeline and receiver, otherwise newly arriving files may not be processed! If this is not your first night, most of it will probably already be running.
- Set CCD temperature to –75°C. Wait until this value has been reached before starting any acquisitions. Will take <10 min.
- Proceed with normal telescope and dome startup sequence while camera cools down.
- If possible: get sky-flats for all filters you intend to use. Otherwise get dome flats. Use the flat-field configuration of the CCD.
- Load load the Lucky Imaging configuration (`LuckyImaging.cfg`) afterwards, check that CCD shutter is open.
- Find focus.

3 Morning Shutdown

- Perform normal telescope, auto-guider, and dome shutdown.
- Set CCD cooler temperature to 0°C. Do not switch off cooler.
- Start copying the raw data directory to your external hard-disk as user `astraobs` on `apipe`.
- Close unnecessary windows on the `xt22` terminal! Do not leave e.g. a Firefox open!

4 Ending your observing run

- Check that you have copied all the data you need! There is no guarantee that backups will be kept on the mountain!