Getting back to observations

1. Turn on the equipment in the reverse order it was turned off (compressors, cabin, pedestal, control room).
2. Check the flow, supply and return pressures meters. These are displayed on the monitor panel for the SESIS JT-circuit in the control room. They should be within their respective ranges (labelled on the meters).
3. Reset the SEST clock by pressing the blue *Sync* button on the front of the unit. Check that you see the 1 PPS tick (green LED).
4. Check that you see the 1 PPS tick on the TAC (red LED).
5. Restart `Showtime` (see chapter "Horologium").
6. Restart GPS-Maser counter (see chapter "Time difference, (1 PPS_{GPS}-1 PPS_{Maser}))"
7. Boot the ICCABIN and ANTLIA as described in "How to reset ICCABIN and ANTLIA". If you turned off VELA, you need to restart PUPPIS first now since VELA needs to read the clock information from PUPPIS. If you turned off VELA, start it after PUPPIS is up and running. Same thing with CARINA.
   Note: Don't forget to turn on the peripherals to the machines *before* starting up the machines in question.
8. Check the receivers have not warmed up by checking the cryo temperatures for the receivers. Use Phtemp in PEGASUS for this purpose. **Note:** for the IRAM receiver, you need to connect the cable in the cabin (hanging from the roof just above the receiver) to the connector on top of the IRAM cryo unit. **Don't forget** to disconnect the cable after the measurements.
9. Now try to tune the receivers and make a pointing to check the correct encoder setting.
10. Reset the Onsala clock. Open the front panel (two screws at the top) and set the clock ahead of the time shown by the TAC. Then press and and later release the *load* button at the second before the times matches. **Note:** This is critical as the Onsala clock is used as a frequency standard for both the chopper wheel and the bolometer.
11. Restart the `GPS-Maser.600s` program to continue the data logging of the Maser drift (see details in Chapter "CETUS, Data log `GPS-Maser.600s.dat`").