- Open the ALS PSTAB loops

- Unplugged the ALS fiber going from Laser Atrium to DAQ room

=> This to avoid potential problems linked to repetitive ON/OFF of the beam seeding the optical amplifiers used for ALS

- Unlock the IMC

- BPC on DC\_ON

- Flip the mirror at the output of the PMC

- Disable the thermal correction loop of the ML ( damping-adv BPCPSD -f, ML\_TH\_ENB set to 0, ML\_TH\_DCH set to 1 and then again to 0)

=> This to get the nominal thermal correction on the ML

- Put a 50 ohm tap on the SL\_Fr\_Cr and decrease the transmission threshold in order to prevent the rampeauto to engage the lock

- Scan the slave laser and look at the signal SL\_PZT\_SLOW on the oscilloscope to check the proper triangular scan

- Look at the PDH of the SL on the oscilloscope

Change the temperature of the ML and see when a second error signal is appearing. (Before seeing a second PDH there could be some noisy period)

Since there are hysteresis effects, this should be done both for increasing temperatures and decreasing temperature and both for lower and higher temperature.

One should find the low temperature range and the high temperature range in which the mode hops are occuring.

Set the temperature of the master laser in the middle of those ranges.