

NP02 news and update

Feb 19th

List of activities performed on NP02

- Evaporate and refill to decrease and increase the level to calibrate the level meters:
 - evaporation from Feb 3rd to 10th
 - Refill started on Feb 17th
- TDE DAQ servers restarted on Feb 5th
- Check remotely the status of the CRPs and/or with electronics: Done last week, difficult due to problem on switch transceivers (cf: Dario)
- Run the motors to reposition the top CRP/cathode plane at first order (Feb 14th)
- Tests of PDs: LED flasher for PD calibration (cf: Manuel)
- Progress on PD to DAQ integration

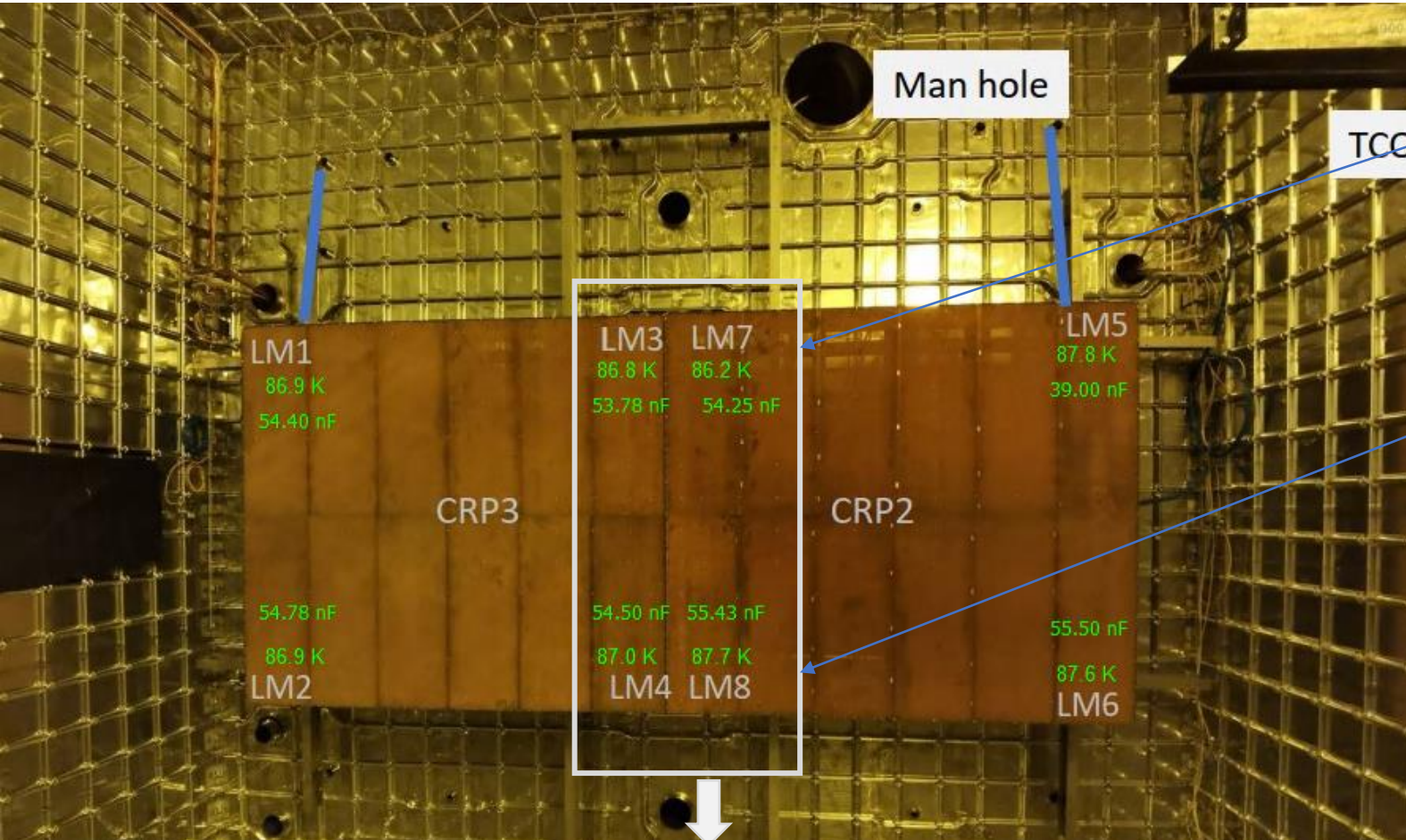
- When refill is completed next week: test top CRP biasing

When the activities can restart and approved:

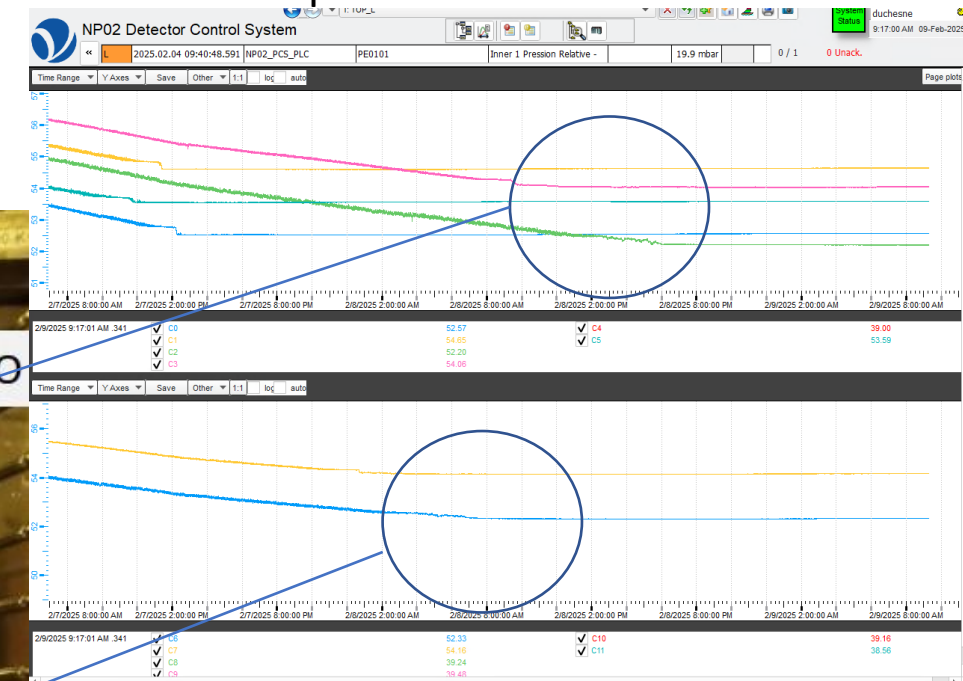
- - Check the noise related to HV. But HV PS needs to be connected! (For improvement of grounding, some schema was foreseen with FP)
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CRP level adjustment

Using data of the level meter when they came out of the liquid on Feb 8th
Using the time delay relative to the first ones coming out and the capacitance change



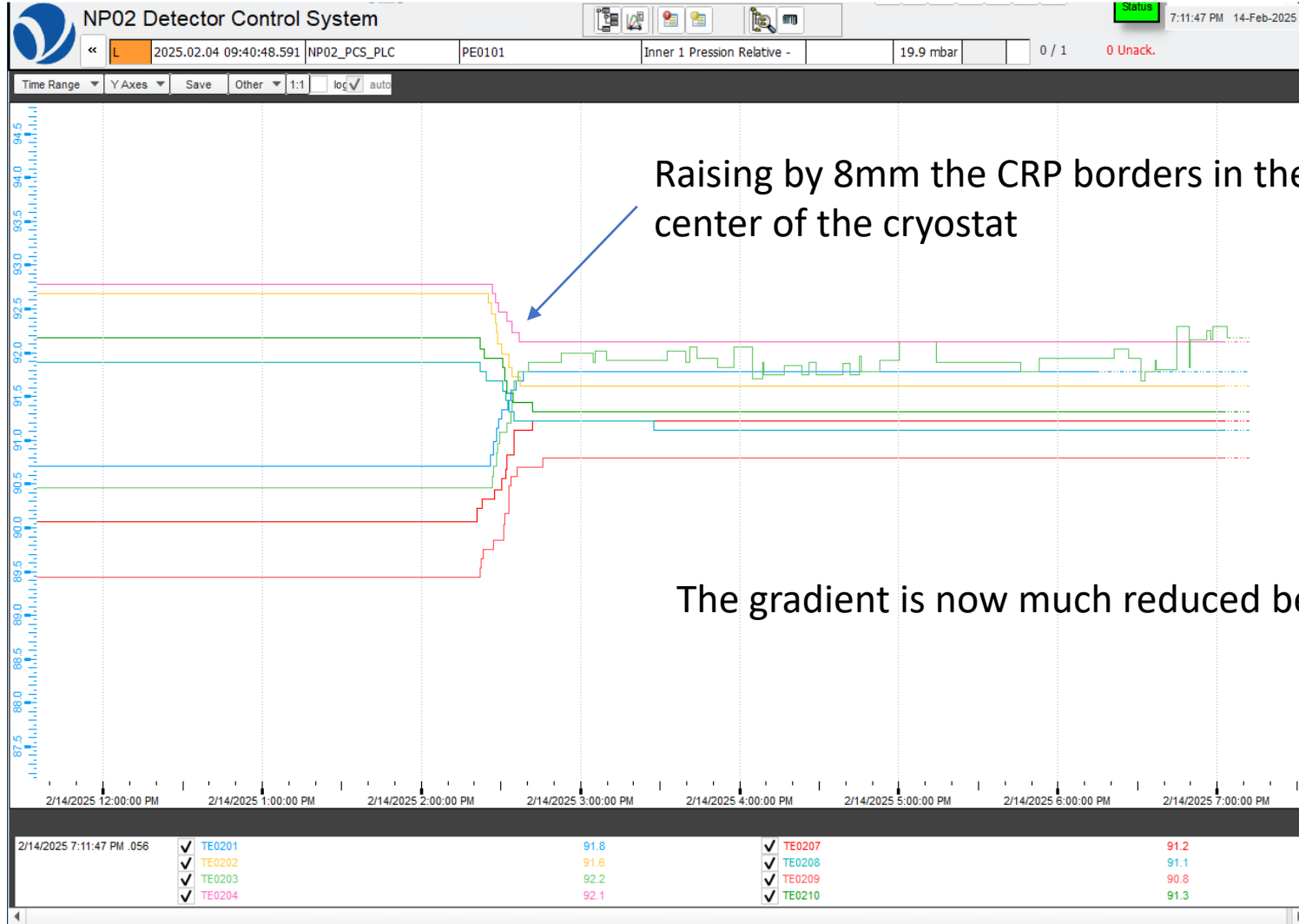
Level meter capacitances



At the center of the cryostat the CRP corners were about 8mm lower than on the sides

CRP level adjustment

Temperature measured at the 8 CRP corners (Pts at about 6 cm above the liquid)



Adjustments to be refined when the liquid reaches again the Pts and level meters