

***Installation: information and activity
coordination***

ProtoDUNE-SP DAP Meeting

May 24th, 2018

Some information

➤ **Control Room**

Due to safety reasons, we will most likely use the Dual Phase control room (middle barrack on the Jura Side) during the cryogenic commissioning time, until the cryostat is full and stable. Once the system will be stable, we will move to our original control room (first barrack on the Saleve Side)

➤ **Confined Space training**

A confined space training is required for the final phase of the detector installation. This training needs to be taken by:

- Everyone working inside the cryostat (a very limited number of people)
- Everyone fulfilling the “watcher” duty: a person standing by the manhole assisting the activities from outside and, most important, contacting the emergency service in case of problems inside the cryostat. (as many people as possible) **We are not allowed to work inside the cryostat without having a watcher present AT ANY TIME**

I initially communicated such training would have been online. This week, I’ve been informed that **it will actually be an in-situ**, organized just for us by Letizia and the confined space training responsible. We will organize multiple dates in which we will try to bring in as many people as possible (we need a lot of watchers!)

Coordinating activities inside the cryostat

- Given the limited time available (~ 2 weeks and half starting June 13th/14th) we need to carefully coordinate the cryogenic instrumentation installation activities with the TPC completion ones
- For this reason, we would like to have for the next week detailed information on the cryogenic instrumentation (T sensors, T profilers, purity monitors, cameras) related activities **inside the cryostat**: what exactly you need to do inside the cryostat, if it is done at the floor level or at height, how long it will take. We can then merge this information with the ones Bill already has and with his schedule of installation (next presentation), to understand whether everything is actually feasible and how to efficiently organize it