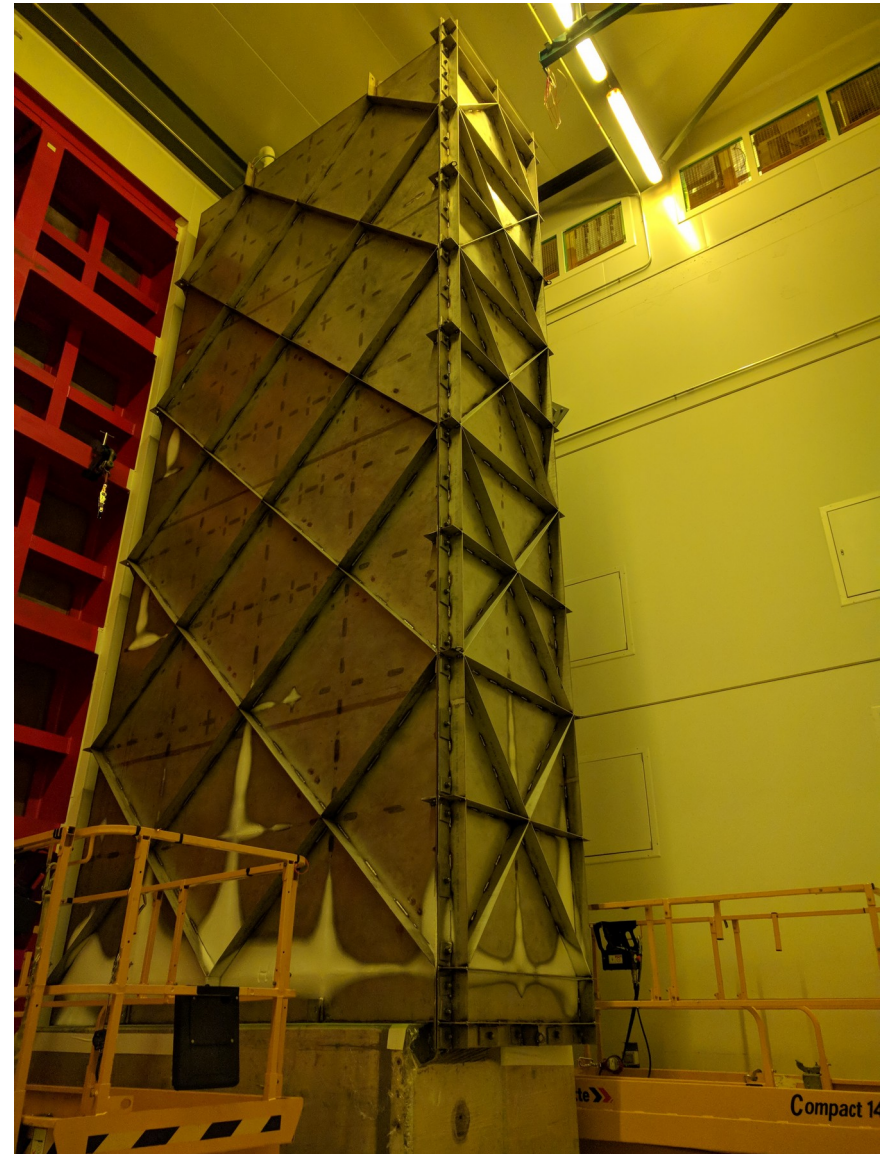


EHN1 status report

ProtoDUNE-SP ITI Meeting
February 8th, 2018

APA #3

- Entered the Cold Box Wednesday last week (01/31). Cold Box door closed the following day
- Cooldown started Tuesday (02/06) afternoon after completion of warm tests
- Temperatures reported by the 3 RTDs sensors installed on the APA frame consistent with those of the 7 RTDs installed on the cold box back wall
- Cold tests going on all day today, with warm up expected to start some time tomorrow
- Plan to extract APA from Cold Box on Monday to perform final checks, final installations (electron diverter, field cage connection cables..), as well as required fixes



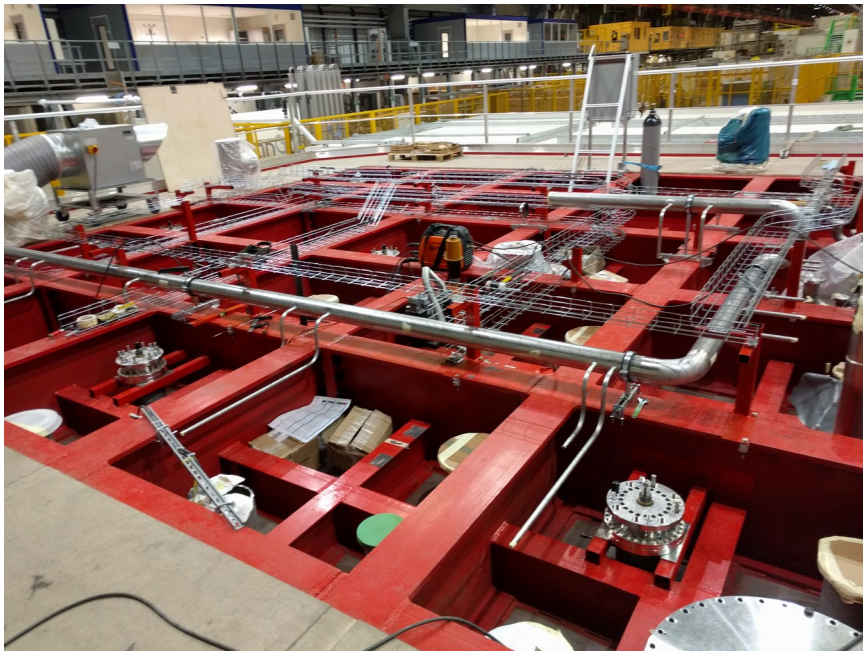
CPA #3

- Monday morning first pair (top) of field cages installed and second pair (bottom) lowered inside the Clean Room
- Tuesday morning second pair of field cages installed
- Wednesday afternoon CPA+FCs module inserted inside the cryostat



Miscellaneous

- Top two panels of the End Wall hosting the beam plug lowered into the Clean Room yesterday. The plan is to mount a 3D model of the beam plug (provided by Cheng-Ju) on them and perform a beam plug test fit inside the cryostat between today and tomorrow



- Installation of cryogenic purge pipes on the cryostat roof started. Installation, leak and pressure tests expected to be completed by the end of next week
- Don't have an updated version of the installation schedule for this week. Waiting to understand the amount of work to be done on APA 3 and the time required to complete the beam plug test fit before

