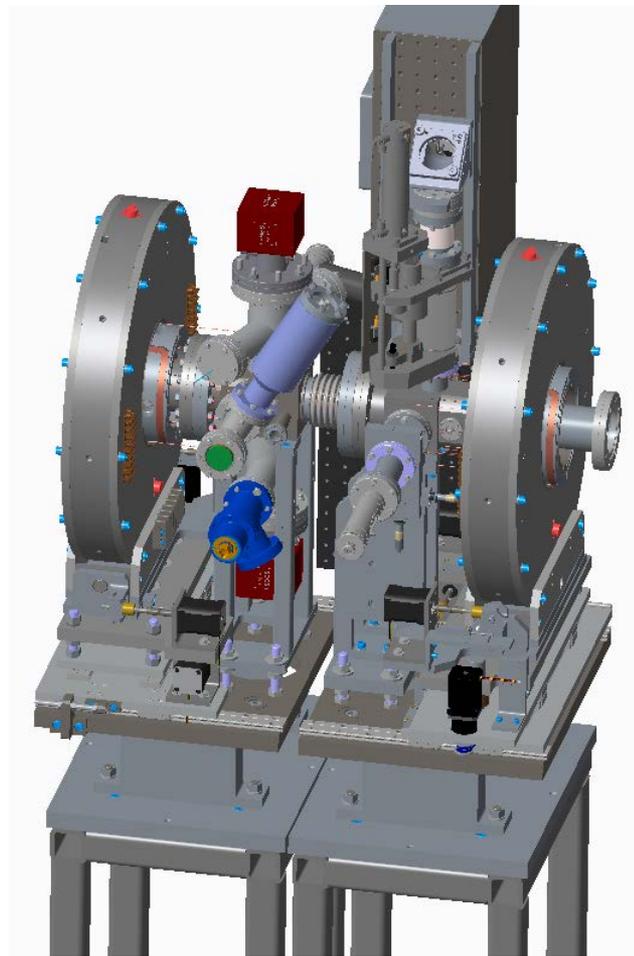


Meeting Minutes

- It was found that the outer diameter (OD) of Corrector is almost touching the ID of Solenoid. Since the ID of corrector (Quad) is supported on chamber, Solenoid can't be repositioned (in X, Y translation and rotation) to tune the beam path. We discussed about this issue for the whole duration of meeting and following decisions were taken.
- The Quad of both corrector, which forms the inner layer of corrector magnet assembly, would be removed and the corrector would be supported by Solenoid by adhesive.
- Both Solenoid and corrector magnet would move together.
- If required we have to build the quad around the flange for upstream corrector.
- For downstream corrector, the quad has to be relocated.
- John is looking into finding a suitable space to fit the quad, soon we will decide and inform everybody.
- Today I received the laser mirrors and these will be cleaned to take out the oil residues present in tapped hole. One mirror will be baked to 200C to check if the mirror surface can hold that temp. I am in touch with beam components group for its testing.

DC-Gun to Booster Transport Line Status

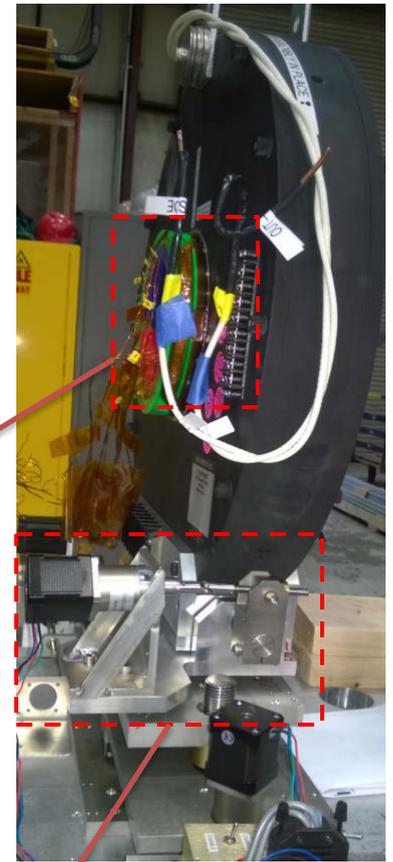
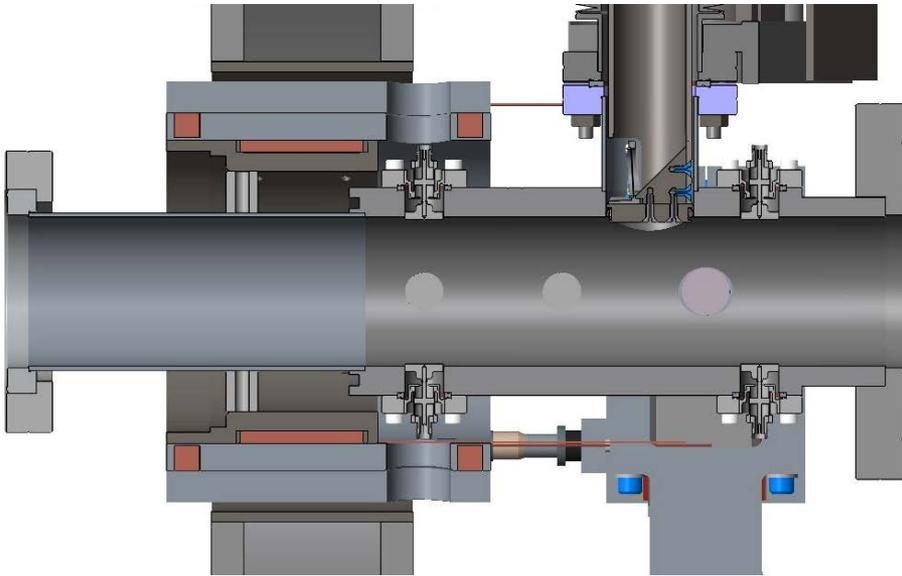
Gun side



Booster side

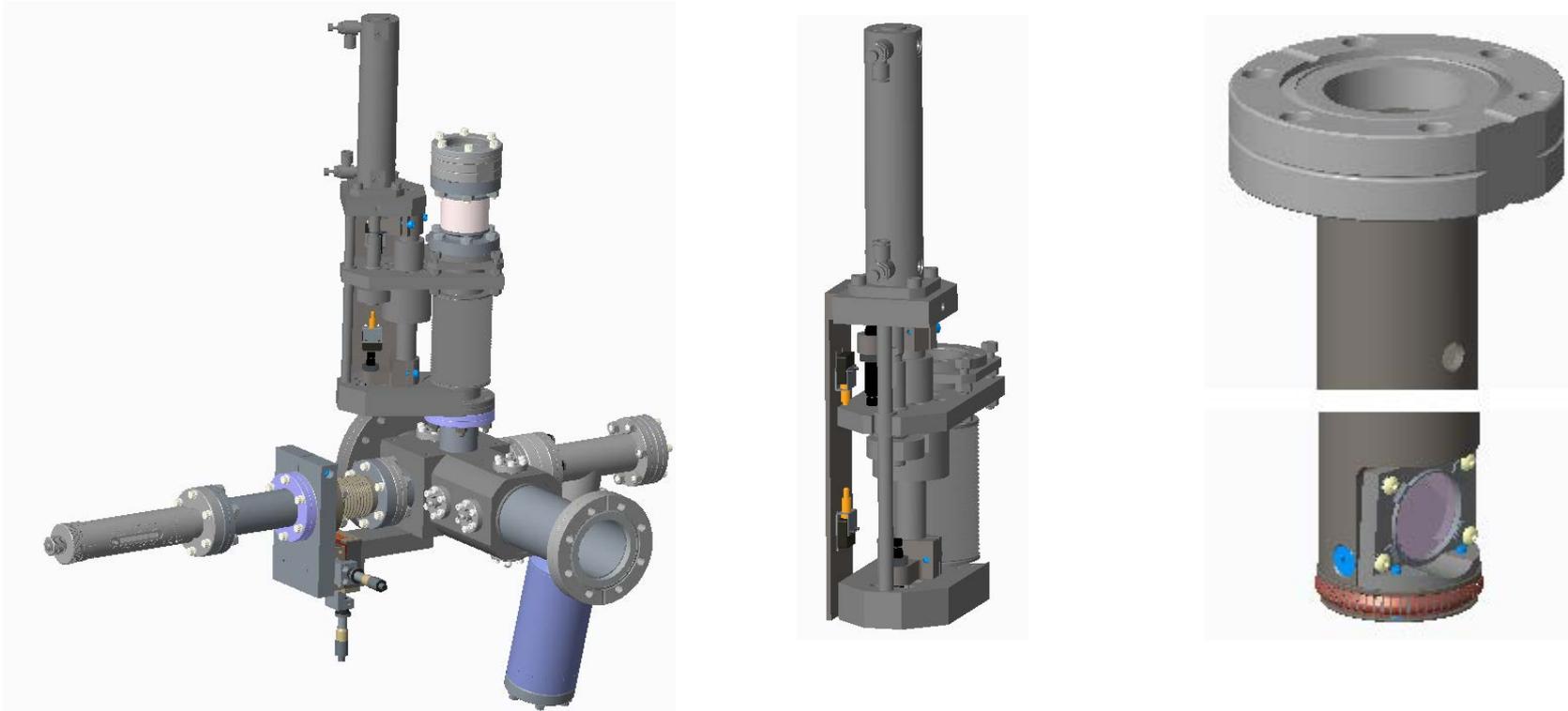
Solenoid Magnet Assembly

- I see, the corrector magnet is glued to solenoid, that is a problem. As per design, there has to be more than 1/8" radial gap.
- Motor with gear box was used and necessary changes were made.



Vacuum Chambers and Mirrors

- We have all chambers in hand. Two are baked and 3rd is in furnace.
- We have all parts for linear shifter assembly.
- I have all parts for PM assembly except the part holding the YAG crystal. Once it is assembled, it needs to be pre-surveyed.
- Pre-survey is also required for laser mirror assemblies.
- I will have laser mirrors on Monday.



Installation Plan

- I am meeting with Matt today to discuss and plan out the pre-survey/survey job.
- In next week, we can start making subassemblies in clean room.
- Next step is presurvey and testing by beam components group.
- Then we will assemble at 2 O clock.
- Supports are already assembled to what shown here.
- Several parts and hardware are being cleaned and baked.

