Meeting Minutes

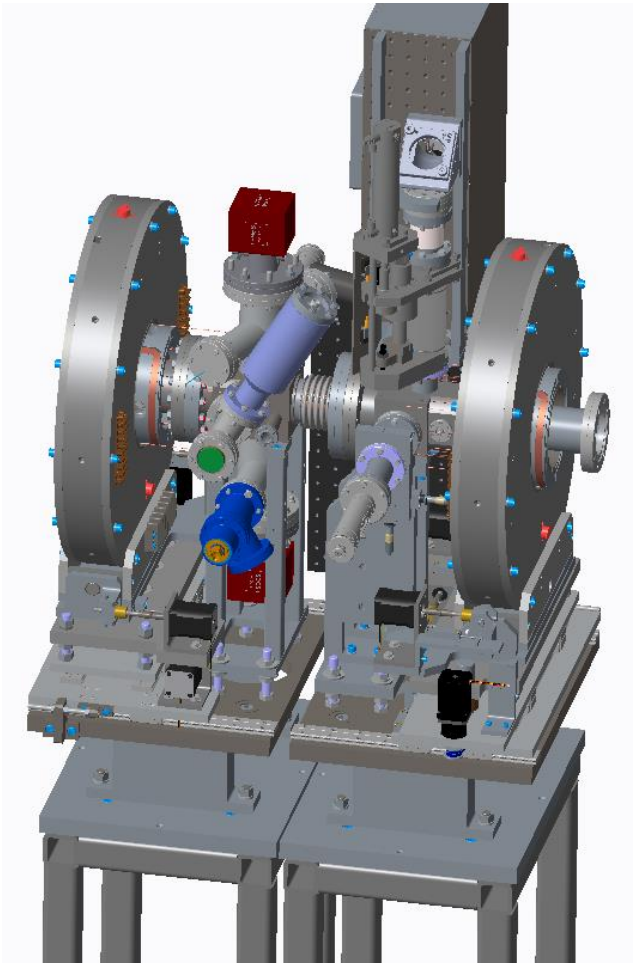
- Quad from both corrector will come out. Some sort of temporary quad will replace the one close to gun and the one farthest from gun will be relocated as shown in slide.
- Lenny is designing the interlock to limit the Solenoid/Corrector motion.
- Talked to beam components personnel after the meeting. Dave and Co are looking to procure or make special tool to connect the BPM button located inside a well of 1” dia and 1.25” deep.

Installation Procedure:

- Pre-survey and survey of chambers with all the mirrors and BPM buttons installed would be carried out in clean room at bldg. 912.
- Prior to chamber/magnet installation in 2 O clock, the supports would be located precisely by the survey.
- The gun side chamber will be installed first followed by Corrector magnet and Solenoid. Then Corrector will be glued to Solenoid.
- Next, the second Corrector already glued to second Solenoid will be installed toward the booster side.
- The chamber containing PM mirror and extraction laser mirror would be inserted through the corrector and installed.
- In the final step, the middle chamber will be installed.
- BPM button cable can be connected any time after both respective chamber and magnets are installed.

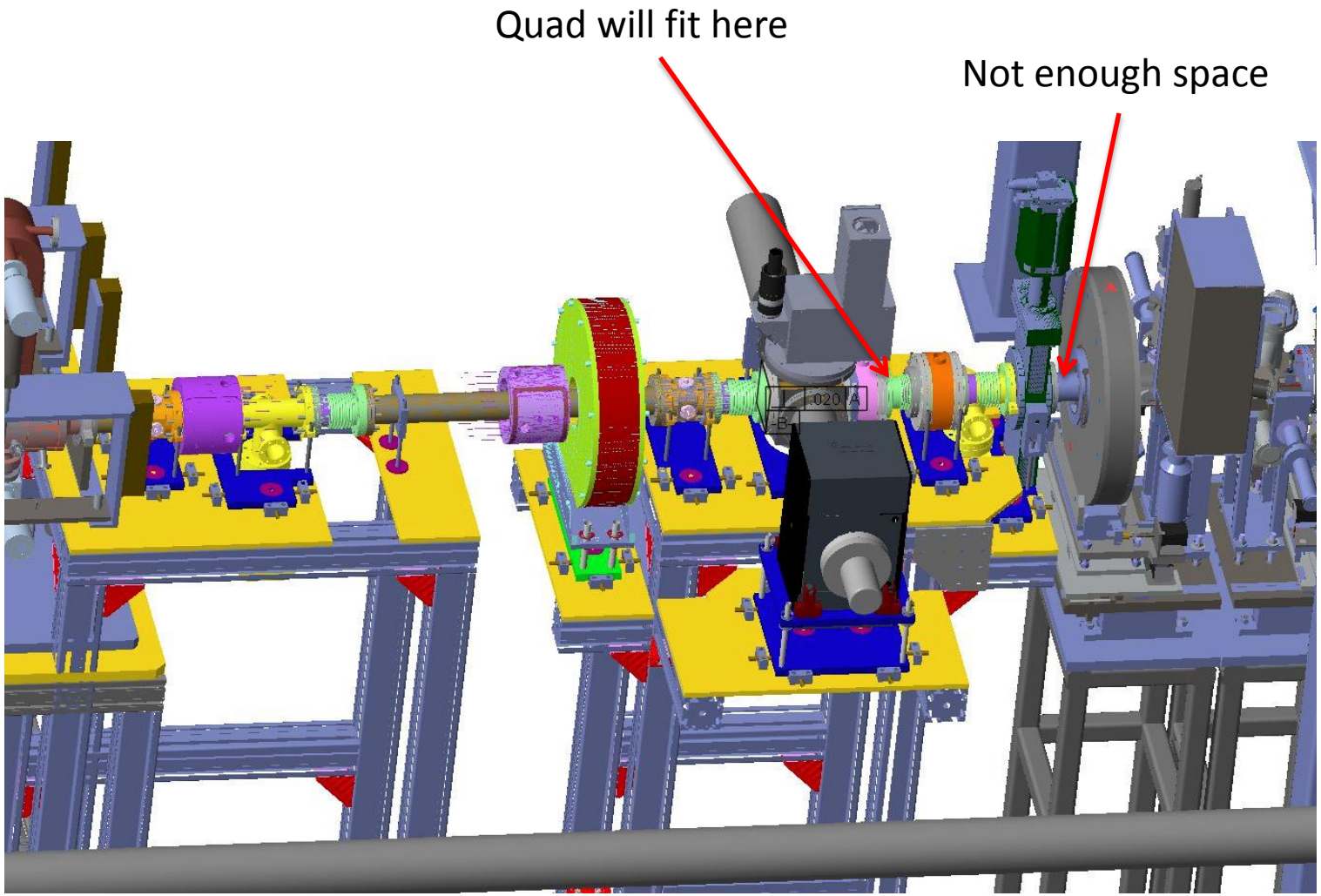
DC-Gun to Booster Transport Line Status

Gun side

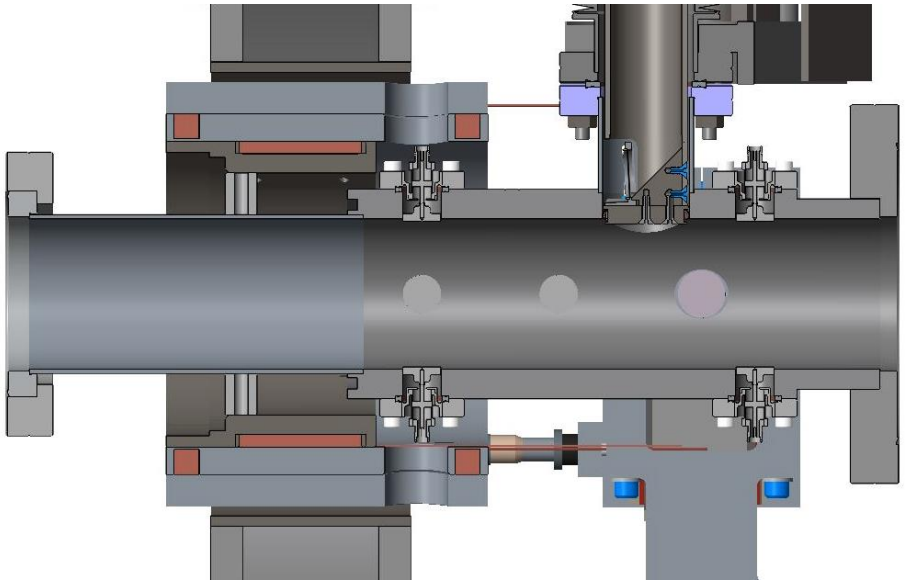


Booster side

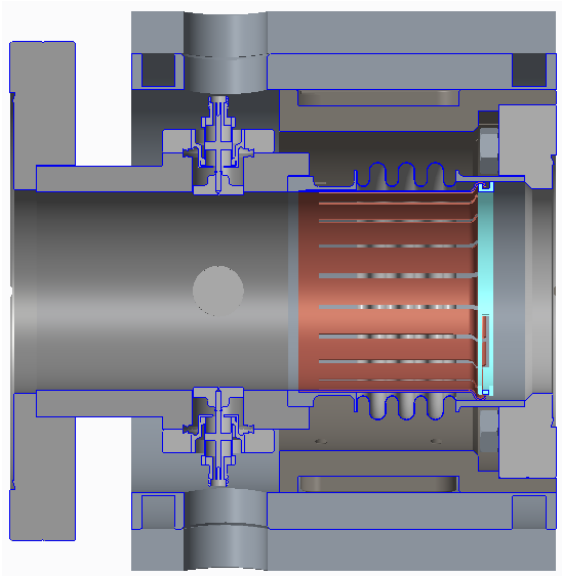
Relocation of Quad



Interlock Design to limit the motion of Corrector/Solenoid



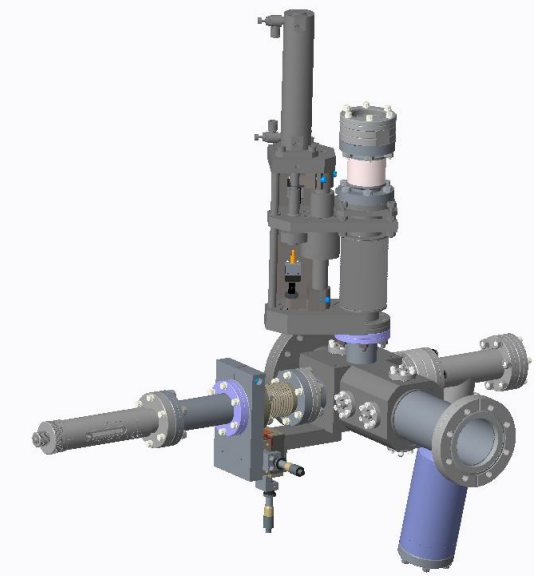
Booster side Corrector

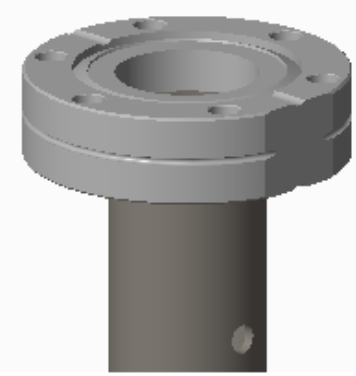


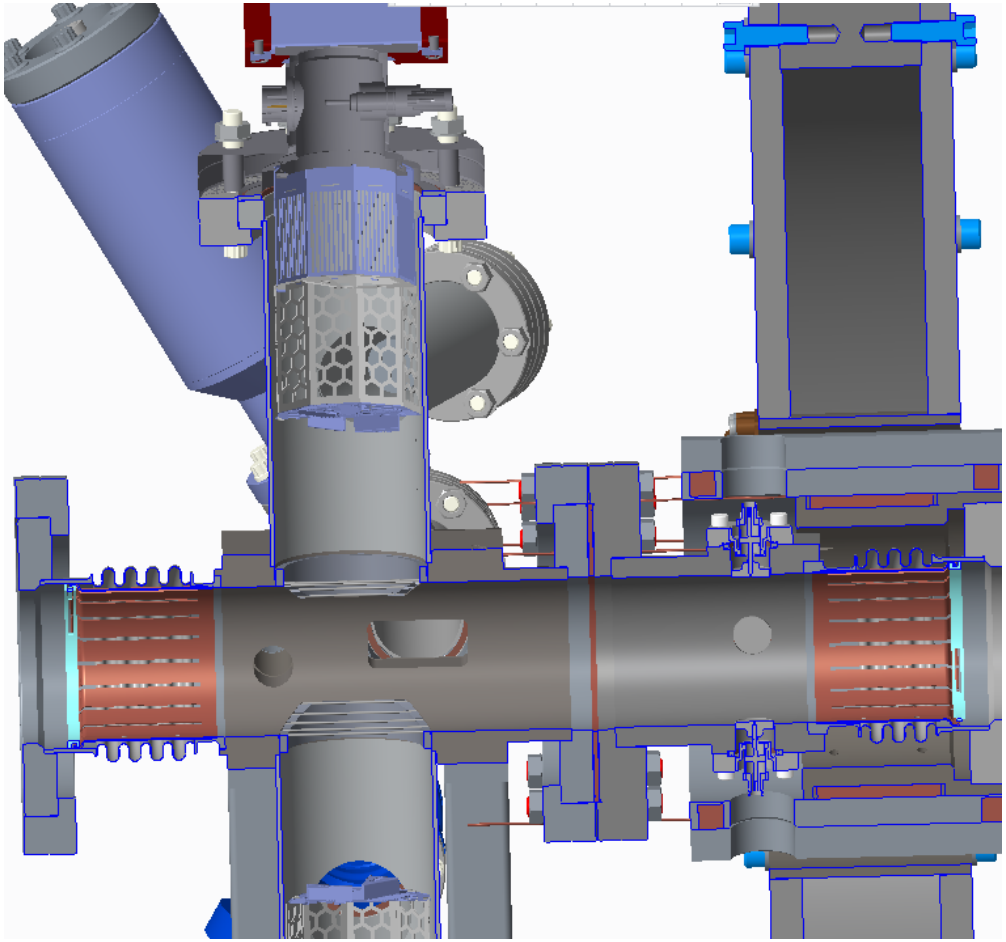
Gun side Corrector

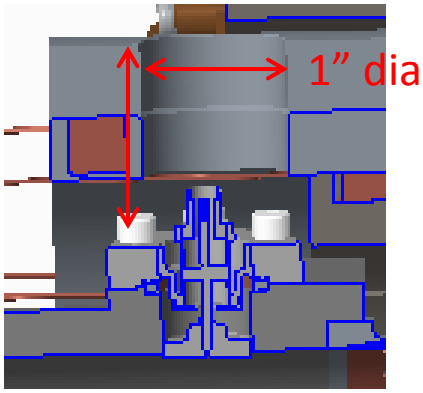
Project Status

- Both Solenoid magnet assemblies are tested for desired motion, both needs to be attached to the bottom most plate with rails.
- All the laser mirrors are tested and getting cleaned today.
- I have all the parts, work can be started as soon as the manpower gets available for this.
- I plan to pre-survey the chambers with BPM buttons, PM mirror and Laser mirror sub assemblies in clean room.
- Rest of the installation and survey will be done in 2 O clock.
- Supports are already in the beam line. Survey is working to locate them.








1.25” deep
1” dia