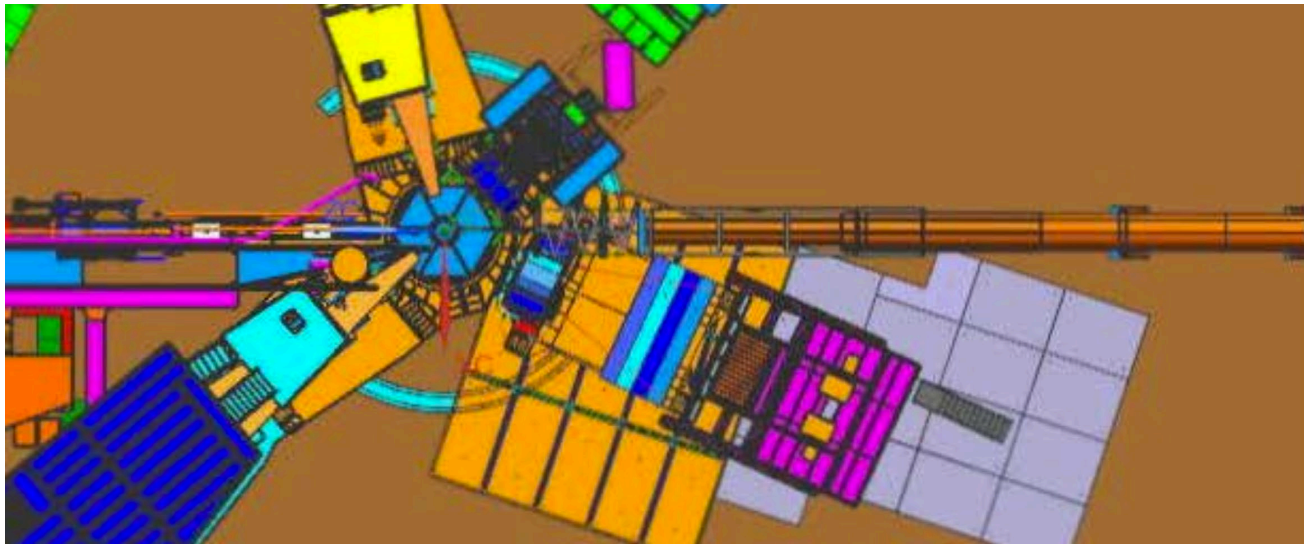
Beamline Changes / Modification

- Up to the Hall A pivot will stay the same!
- During Installation
  - clear downstream utilities along beamline
  - Move / modify supports and flanges
  - Install special support tower
  - Install new beamline conical pipe
  - Install new beamline magnetic shielding



A LOT OF WORK FOR JESSIE'S TEAM, BUT DOESN'T EFFECT OUR MAJOR BEAMLINE SYSTEMS

New Digital BCM Readout

- Evan has been working on a new digital BCM readout and I would recommend integrating it into SBS DAQ.
  - This gives direct readout from the new BCM receiver.
  - The hybrid of the old and new system is getting harder to maintain.
- This VME readout should be easily integrated.
- Equipment could be moved from right arm.
- At this time this is still in development, but should be ready for SBS experiments.

NOTE: Other beamline signals such as the raster will should also be merged into SBS DAQ.

Beam Steering & FSD System

- We have target area and dump ion chambers.
- Are these sufficient to protect the dump or do we also need to put FSD's on the magnet power supplies?
- In any case, we will need to carefully determine the response of the beam to the BigBite and SBS magnets for each setting.
- We can follow the general procedure that Hall-C has been following with the SHMS.
- If for any reason we can not put the beam on the dump face, we will need to stop until we can address the issue.