

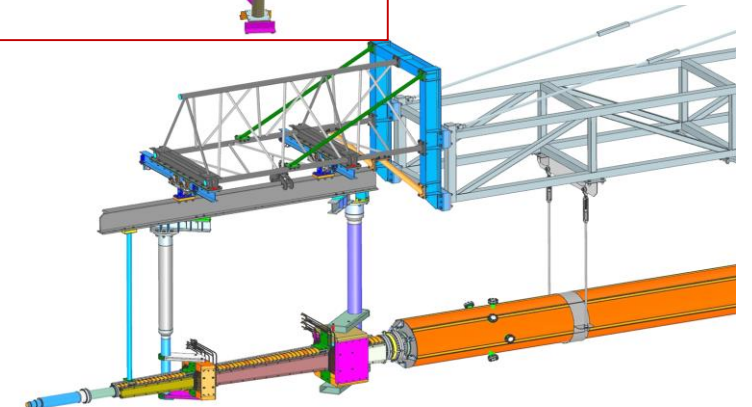
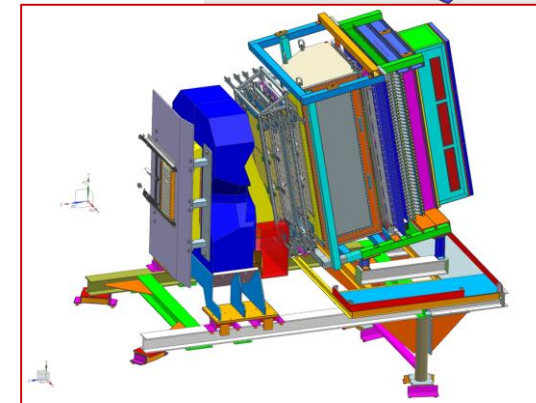
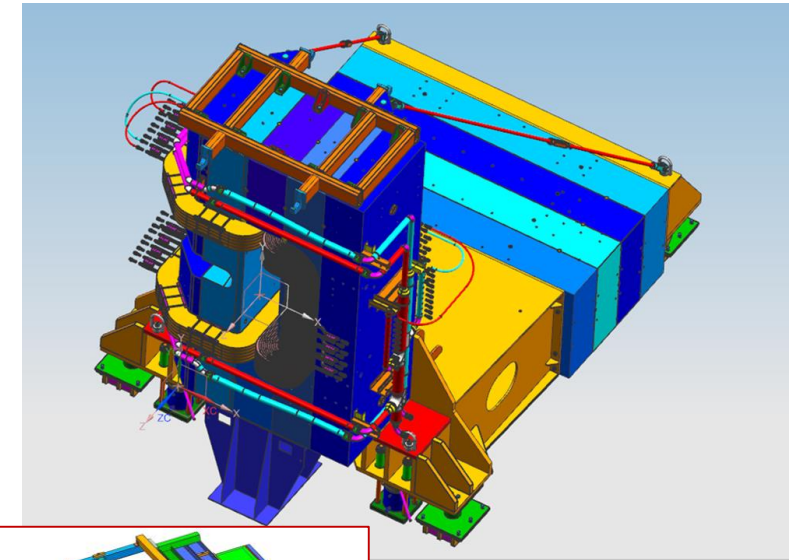


SBS Experiments E/D status

Robin Wines
February 2021

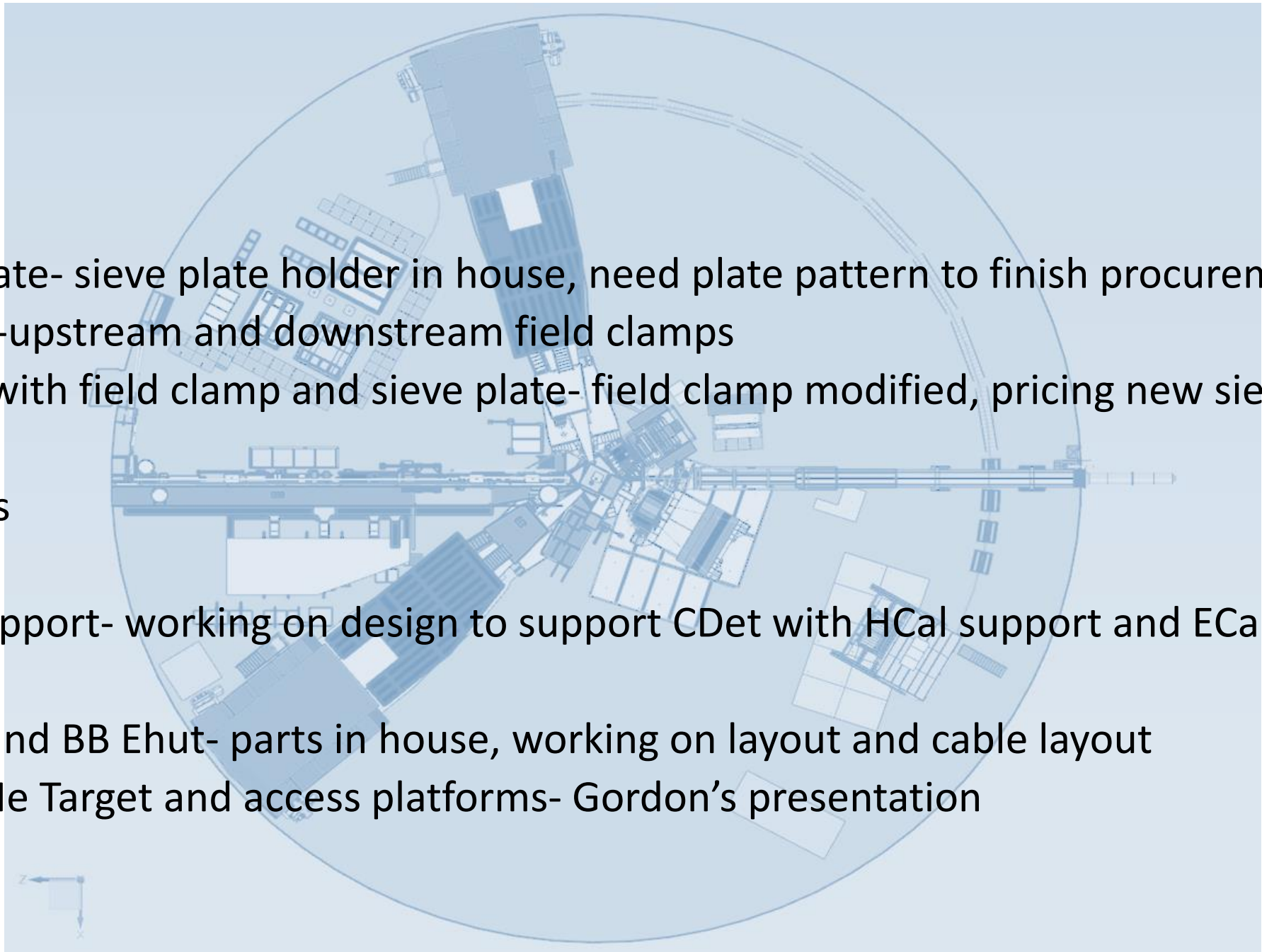
GMn Run Group- status

- SBS Magnet- magnet build stand to be delivered in early March then magnet ready to assemble. Need to configure bussbar and LCW connections.
- Counterweight support parts all here
- BB Detector stand- modifying to allow rotation and more positions
- BB sieve plate- requested price and delivery from vendor for new plate
- Support tower, beamline and shielding parts ready for install
- Checking layouts for interferences, supporting install and configuring run plan
- Good news- reconfiguration of run plan allows use of same beamline configuration through complete run
- Working on Ehut and cable layouts



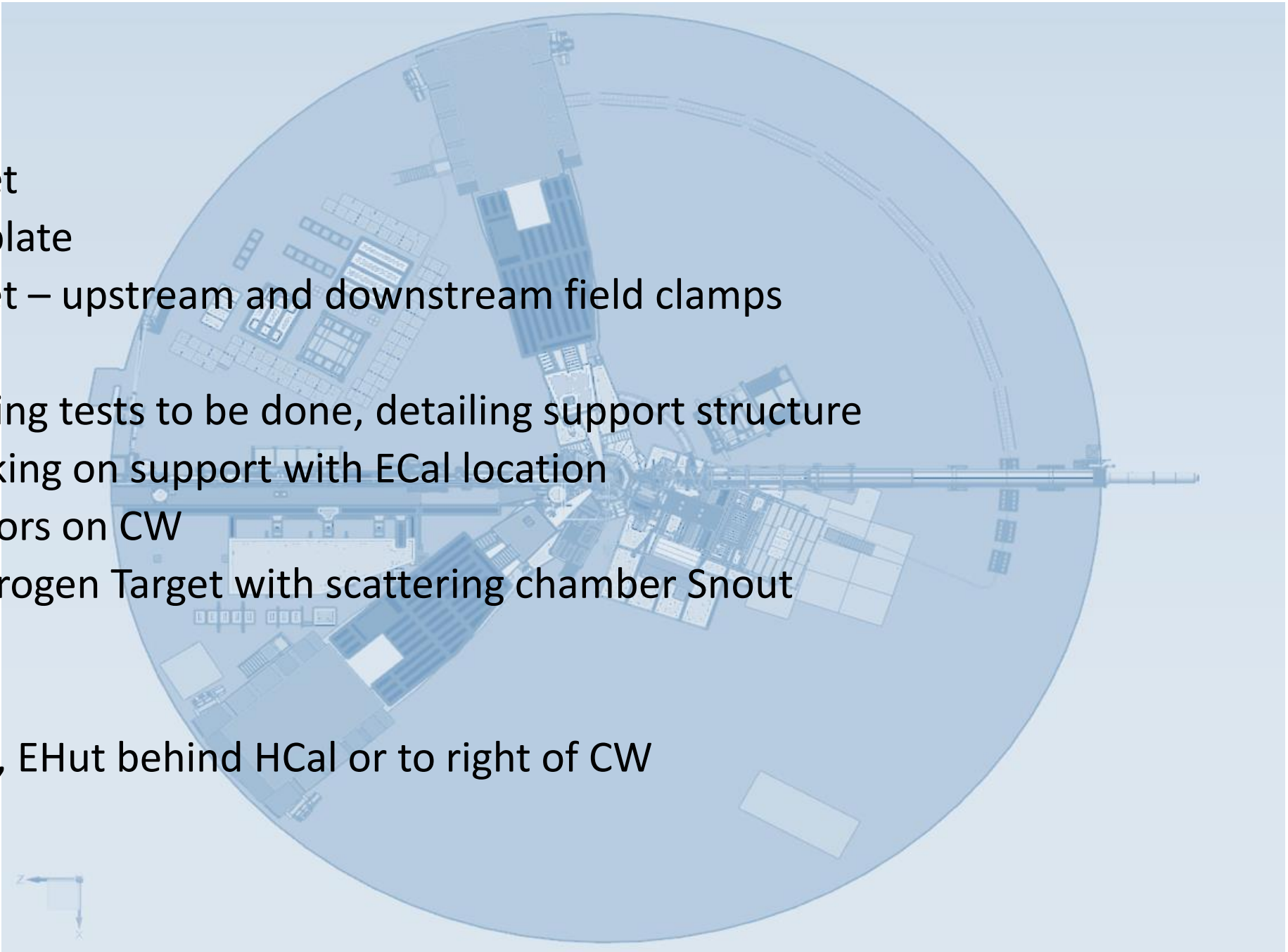
GEn

- ✓ SBS magnet
- SBS sieve plate- sieve plate holder in house, need plate pattern to finish procurement
- ✓ SBS magnet-upstream and downstream field clamps
- ✓ BB magnet with field clamp and sieve plate- field clamp modified, pricing new sieve plate
- ✓ BB detectors
- ✓ HCAL
- CDet and support- working on design to support CDet with HCal support and ECal support
- ✓ Main EHut and BB EHut- parts in house, working on layout and cable layout
- Polarized ^3He Target and access platforms- Gordon's presentation
- ✓ BL2



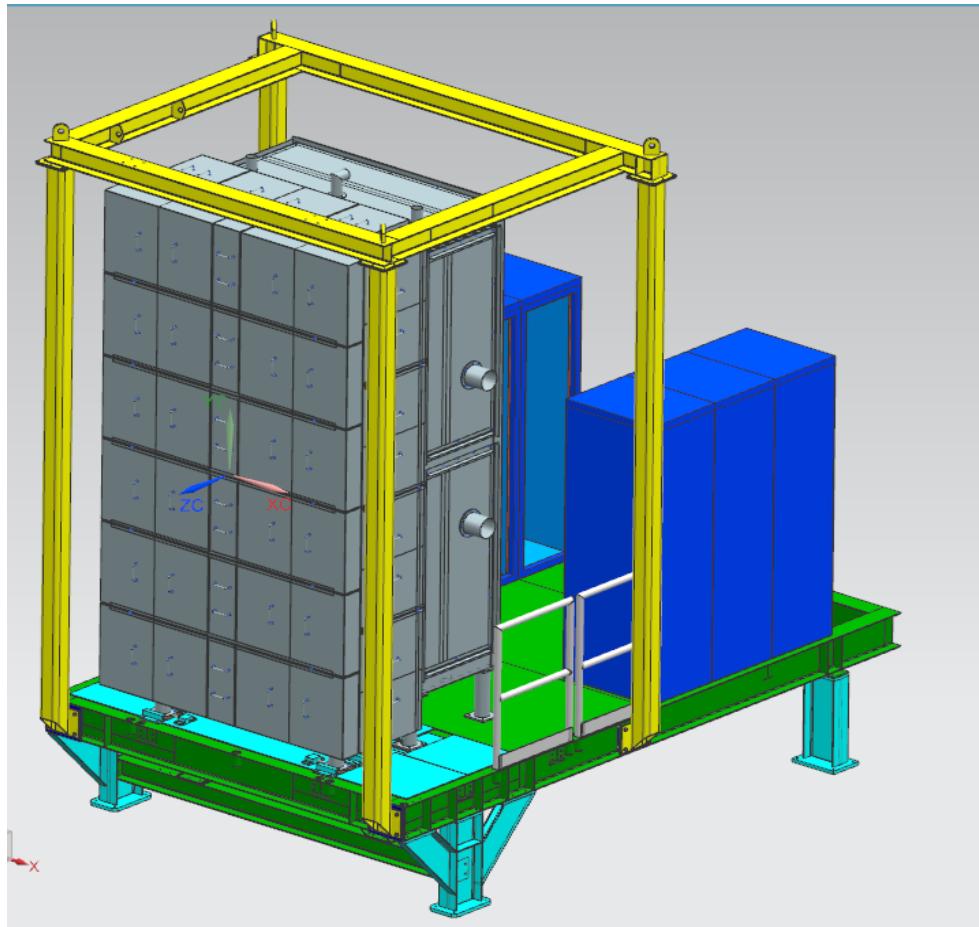
GEp

- ✓ SBS magnet
- SBS sieve plate
- ✓ SBS magnet – upstream and downstream field clamps
- ✓ HCAL
- ECAL- cooling tests to be done, detailing support structure
- CDet- working on support with ECal location
- SBS detectors on CW
- ✓ 40 cm Hydrogen Target with scattering chamber Snout
- ✓ BL1
- ✓ Lead wall
- ✓ Main EHut, EHut behind HCal or to right of CW

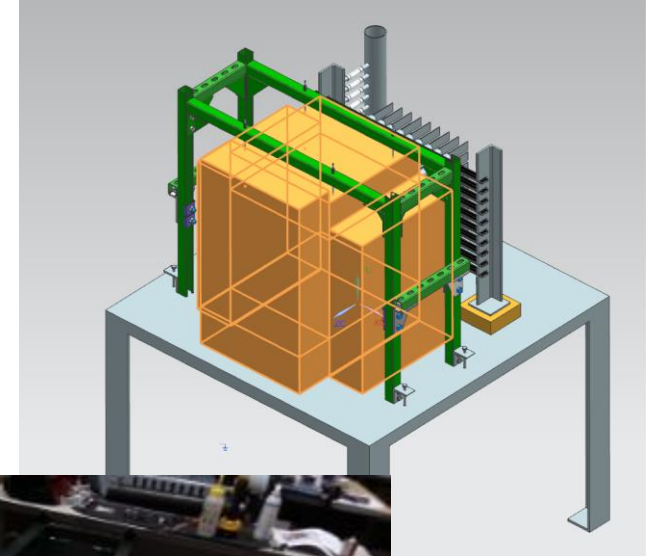


ECal

- Support design incorporates ability to lift and move assembly
- Adding cabling and patch panel details

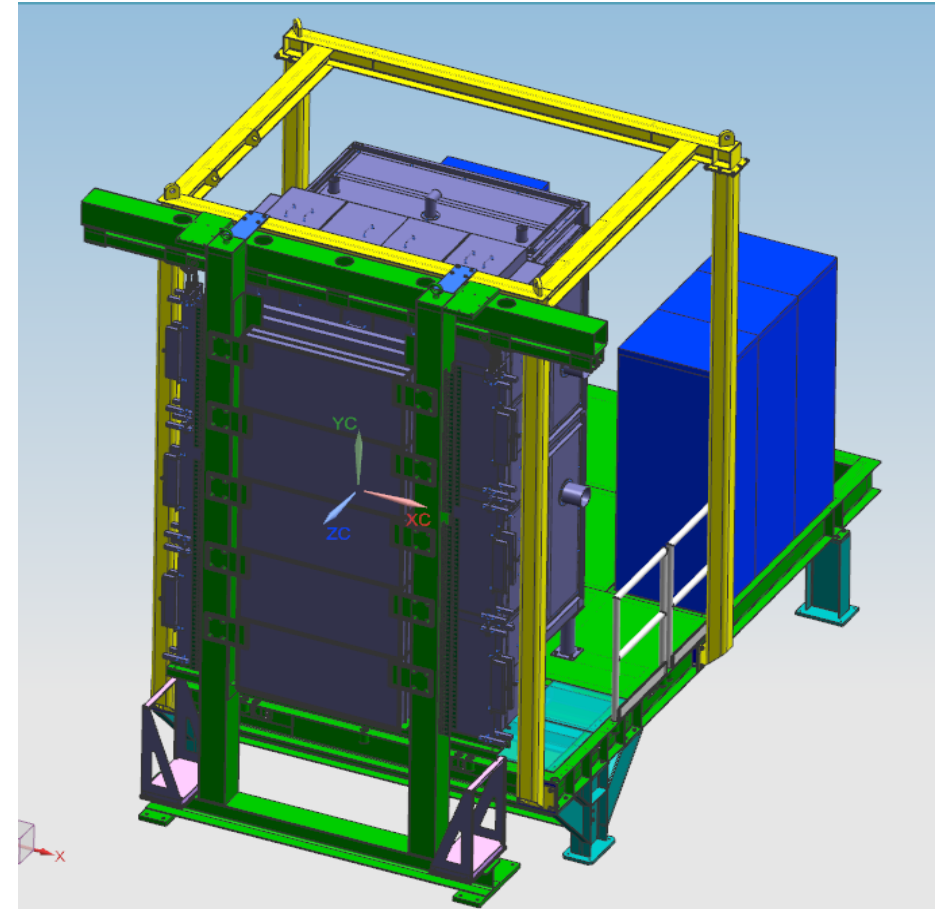
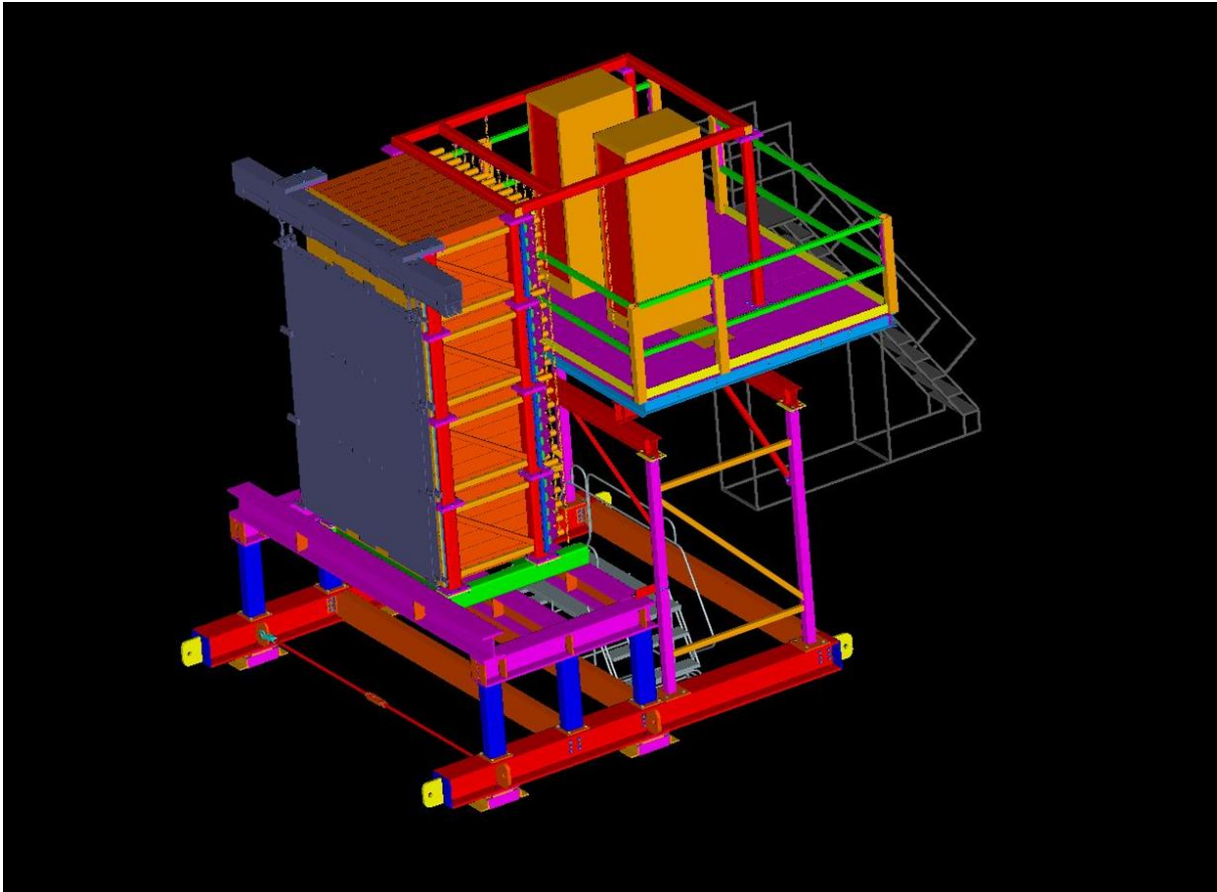


- ECal cooling test setup parts in house



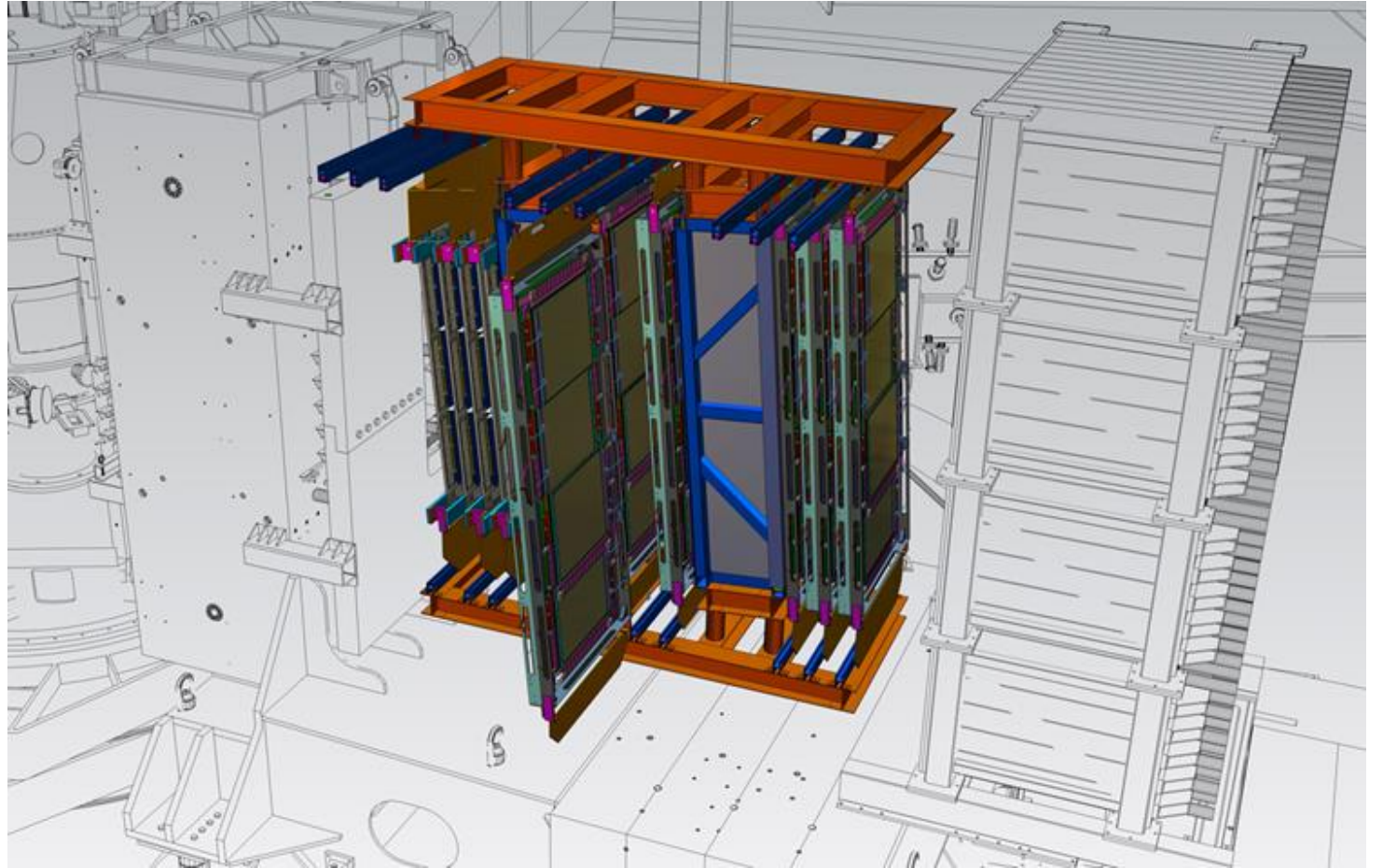
CDet

- Working on support of CDet to be placed upstream of HCal and upstream of ECal.



SBS Detectors

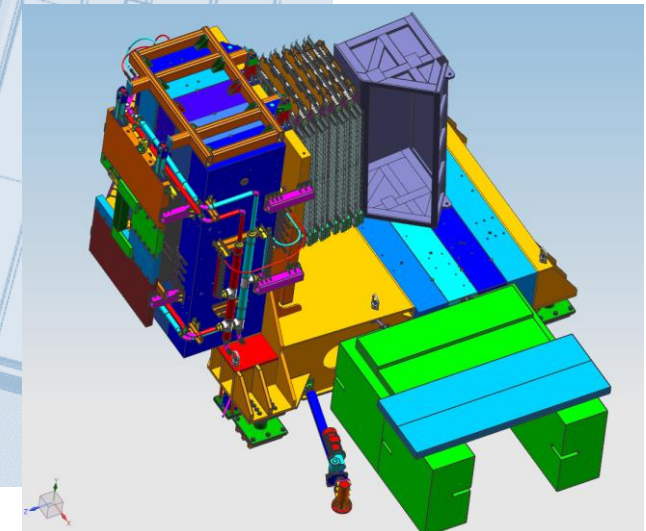
- Detector frame purchased
- Need to update assembly
- Need to review install requirements and assembly hardware



SIDIS (from proposal, needs review)

* Need to start regular meetings to be ready in SBS timeframe

- ✓ SBS magnet
 - sieve plate
- ✓ SBS magnet-upstream and downstream field clamps
- ✓ BB magnet with field clamp and sieve plate
- ✓ BB detectors
 - GEMs and RICH detectors on SBS arm(CW) –working on support for RICH detector
- ✓ HCAL
- ✓ Main EHut, BB EHut and EHut to right of CW
 - Polarized ^3He Target and access platforms
- ✓ BL3
- ✓ Lead wall on CW



TDIS (from 2015 proposal, need update)

- Need to start regular meetings to be ready in SBS timeframe
- ✓ SBS magnet
- 5T Solenoid
- GEMs
- ?

REMINDERS:

- Jlab safety regulations may require review of your system or operation, such as gas systems, electronics or lift/assembly plans- we are here to support the experiments - JUST ASK.
- Please make a work plan/schedule and share it. In present work environment, it may require more time to complete task, to answer question, to find parts and so on. ASK EARLY.

THANK YOU to all, we are almost there!