

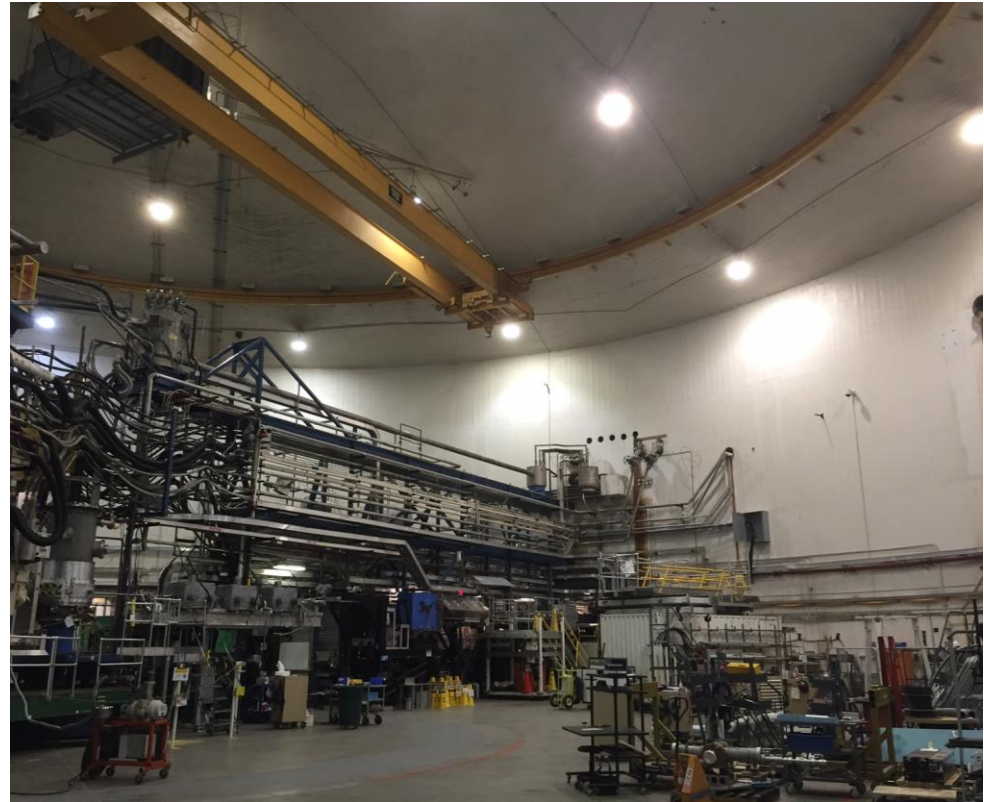
SBS Review (OCT 2018)

Hall and Magnet Preparations

- Experiments Leading Up
- Activities Being Worked
- Activities in the Cue
- Expectations/Planning
- Summary

J. Butler

Tuesday, October 30, 2018



Experiments Leading Up

- Tritium – now thru end of November 2018

*** The tech staff will need to focus most of our manpower into preparing equipment for the APEX installation

- APEX – Installation begins at end of November – January 2019

*** During the APEX run, we will need to focus most of our manpower preparing equipment for PREX/CREX installation.

- PREX – Installation begins in March – June 2019

*** During the start of PREX run will likely be the first time we can dedicate most of our manpower preparing SBS equipment. This trend will continue through CREX until the start of SBS installation

- CREX – Installation is virtually unchanged from PREX

Activities Being Worked

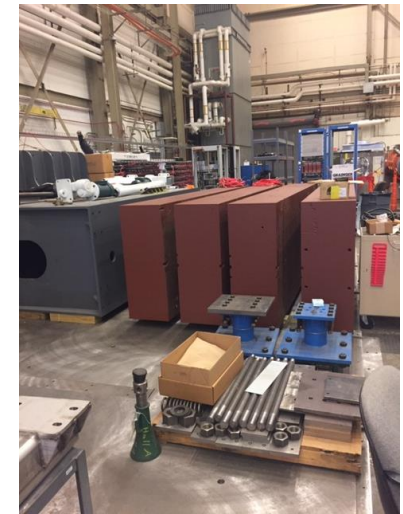
Shielded Exit Beamline & Corrector Magnets

- Test fit shielding to beamline
- Check beamline configurations
- Assemble Corrector Magnets
- Test fit beamline to magnets
- Working on a way to make the changeover easier.



Counterweight Assembly

- Have counterweight steel sandblasted (done)
- Inventory parts needed to put counterweight together
- Put the counterweight assembly together



Activities in the “CUE”

- Put together the hydraulic system
- Assemble the motioning mechanism
- Check movement of counterweight assembly
- Work with S&A and collaboration to put fiducials on correctors, counterweight and beamline

*** Please Note: There's no plan to re-assemble SBS (48D48) magnet before installation.

Expectations/Planning

- Support detector activities (mostly material handling)
- Submit request for tech staff support ASAP with general guidelines (ex. I'm expecting to ask for tech staff support in spring of 19.)
- Please understand that we have to work around SRF in Test Lab (LCLS II Project)
- We have roughly 7 months to install (starting May 7, 2020)
- I have to be efficient in allocating manpower
- Ask that all system be ready for transport to the hall NLT the start of the installation (May 7, 2020)

Summary

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- We have a demanding schedule leading up to the SBS installation
- SBS installation has an aggressive timeline
- Details of the installation schedule are still being finalized
- Send request for tech staff support early

