JLab Hall B HPS Installation July and August 2021

Bob Miller
Denny Insley
June 2021

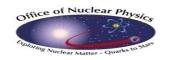






Week of June 21

- Make space in EEL 125 1 day
- Ship chiller to vendor for repairs







Week of June 28

- Remove cables and crates from downstream alcove 2 days
- Transport cables and crates to EEL 125 ½ day
- Test power supply for Frascatti magnets 3 days







Week of July 5

- Continue to test power supply for Frascatti magnets 2 days
- De-cable and remove Frascatti 1 magnet 2 days
- Set up tooling in EEL 124 clean room 1 day







Week of July 19

- Remove HPS SVT and transport to EEL 124 clean room 2 days
- Install remaining cable trays over HPS Dipole 1 day
- Test HPS Dipole







Week of July 26

- Install beam tube from HTCC to forward carriage 1 day
- Install cable trays in downstream alcove 2 days
- Organize cables in downstream alcove 1 day







Week of August 9

- Install HPS SVT 1 day
- Align HPS SVT and install downstream restraint 1 day
- Install hodoscope ½ day
- Align hodoscope ½ day
- Install calorimeter ½ day
- Align calorimeter ½ day







Week of August 16

- Install and cable Frascatti 1 2 days
- Test HPS dipole and both Frascatti magnets to full field 1 day
- Install neutron detectors and vacuum gage on upstream SVT box ½ day
- Install 2H02 girder and beam tube to forward carriage ½ day
- Align 2H02 girder and Frascatti 1 1 day
- Install upstream beam line 1 day
- Establish vacuum in entire beam line 1 day





