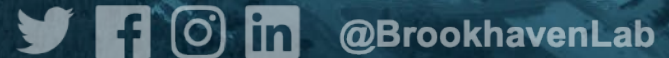




Preinjector Status

J. Ritter
Time Meeting

March 25, 2025



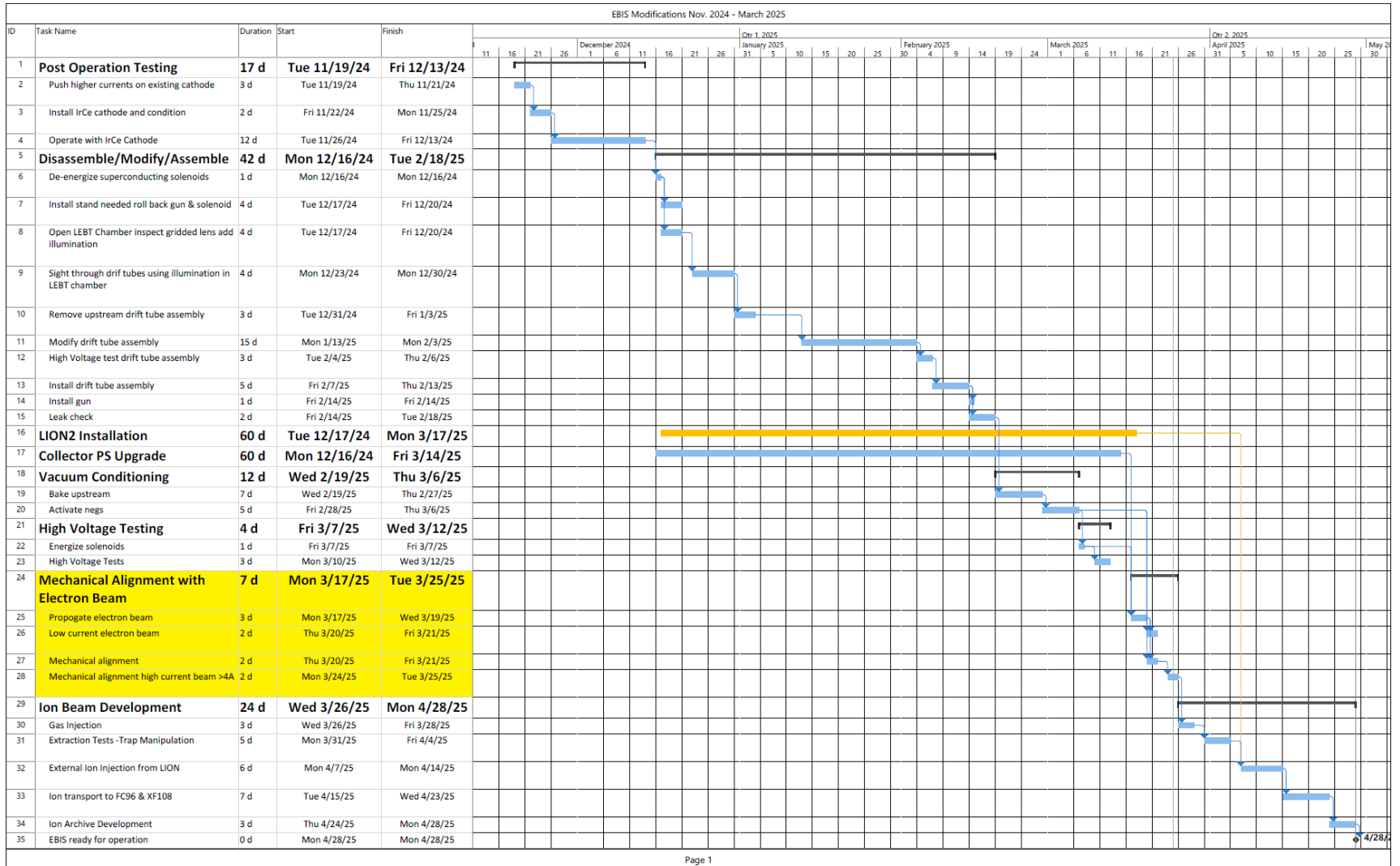
Tandem

- Ran for GVS over weekend, completed run
- Providing Fe & Ag beam for NSRL
- Wednesday onward gold for RHIC and NSRL
- MP6 being prepared for users

EBIS

- LION2: Beam testing has begun. Gold beam has been extracted. HV discharges have caused failure of vacuum equipment and PSI. Damaged equipment has been replaced and tested. Discharge location identified and fixed.
- Collector PS: Has been tested to 10 kV without e-beam. Testing of PS has shown an issue with line filter that will be corrected today.
- EBIS: Superconducting solenoids at 5T, vacuum good. Once Collector PS is in operation electron beam testing will continue.
- Due to Collector PS EBIS is a week behind in schedule.

EBIS Schedule



Linac

- BLIP 200 MeV 150uA 11 day run started on Monday 3/24
MEBT quad 1 PS failure, Lambda PS replaced.
- Monday night beam pulse lengthened to compensate for Mod 7 peak current limitation.
- OPPIS running well, 82% polarization.