

Injector Status

Haixin Huang

March 15, 2016

Time Meeting

Injector Status

- Deuteron setup is more complicated than what we thought. Bunch merge and acceleration were successfully done last night, but the longitudinal emittance is large, about 1.1eVs. Intensity is $1.7E11$ /bunch. The setup will continue later this week. We won't start Ruthenium setup until this setup is finished.
- Polarized proton setup in the injectors will be done without cold snake today. The main issue is the AGS cold snake helium consumption. The next attempt to replace the cold head will be tomorrow. We may start polarized proton development after all deuteron and ruthenium setups are done (March 24 or later).
- Several BMMPS trips were caused by PPMR limit alarm since we switched RHIC fill with 13 booster cycles on Feb. 23. The alarm level has been raised. Currently, the BMMPS repair work is ongoing (more than one problem: SCR, resistors).
- NSRL run starts next Monday.
- AGS eIPM (D5) electronics has been installed last Thursday. Vacuum is still too high to turn on MCP. Leak check and electronics diagnose will be done tomorrow.