

AGS/Booster Status

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Time Meeting

Status

- AGS continues to provide needed intensity for LE run.
- A feed forward system for AGS extraction field during RHIC fill works very well. No injector tuning is necessary in most cases.
- Shuffled Booster transfers so that 1,2,7,8 are in bunch 1. Results: more even intensity over the two bunches.
- Siemens status: the expert will be here on Saturday.
- A new MM function for regular RHIC injection has been built with Westinghouse without extending the super cycle length (5.2 sec). It still needs to be tested. In case we have to stay with Westinghouse, there is no need to extend the super cycle.
- Next maintenance day (March 5): welder work for D15 eIPM installation, possible installation of C15 polarimeter targets and radioactive sources (for pp development in April).

Issues

- Spurious AGS permit pull issue: we will use two BLMs as condition to pull the permit but exclude the 2-BLM rule at J10 dump.
- Noise gets into H10 septum PS which stops charging process and causes missed RHIC transfer and AGS permit pull.
- AGS injection horizontal sextupole noise started yesterday. It requires several hours trouble shooting, likely tomorrow.