

# Injector Status

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Time Meeting

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- 8->4->2 merge: Bunch intensity is at 2.1E9/bunch.
- 12->6->2 merge (AGS user5): It runs with 6.4 sec super cycle(compared to nominal 5.4sec, 19% increase of filling time). Bunch intensity 2.7E9. The emittance is 0.65-0.7eVs. Plan is to use this setup but gradually push intensity up.
- Polarized proton setup in the injectors is coming. AGS cold snake cryo leak is not resolved. This means we need to refill once awhile. The PS test needs 8 hours (can be divided into several sessions) before we can use the cold snake.
- The pp setup is likely starting on Feb. 25, after 200MeV linac is ready. We will start from Booster and snake-less setup in the AGS later this week. The setup with cold snake on is likely in the following week.
- Ruthenium setup in the injector is scheduled in either the week of March 7 or 14, pending on the progress of polarized proton setup and tandem availability (outside users). Tandem setup already started. The biggest unknown is the stripping efficiency in BtA line. Since the merge energy has changed in both Booster and AGS for gold, the bunch merge part has to be tested for ruthenium, too. The estimation is that we need three shifts.