

# Iron Setup and Week 1 Schedule

C.J. Gardner

March 30, 2007

## **1 Sat 31 Mar**

Switch back to MP7 for delivery of gold ions. This will require approximately 1 hour during a RHIC store.

Set up MP6 for delivery of iron ions.

## **2 Sun 1 Apr**

Tandem (Hans Abendroth) is expected to start tuning the TTB line with iron ions around noon.

Tandem will establish an iron tune and a gold tune in the TTB line and practice toggling back and forth between the two. If all goes well this exercise will be finished sometime later in the afternoon.

Tuning (Keith Zeno) with iron ions in Booster will then commence.

In the evening the mode switching sequences will be set up (Jen Niedziela and Kip Gardner) for switching between iron and gold in Booster.

If time permits, extraction of iron from Booster and transport to the NSRL target room will be set up (Nick Kling) during the overnight and early morning hours.

All of the above activities must take place during RHIC stores.

## **3 Mon 2 Apr**

It has been agreed (as per Derek Lowenstein) that RHIC machine development will be kept to a minimum during the day so that NSRL can

set up and run with iron behind RHIC stores.

#### **4 Tue 3 Apr**

NSRL will start running (behind RHIC stores) in the early evening (around 5 pm) and run through the night if necessary.

#### **5 Wed 4 Apr**

NSRL will start running (behind RHIC stores) upon conclusion of APEX activities (around 5 pm) and run through the night if necessary.

#### **6 Thur 5 Apr**

NSRL will start running (behind RHIC stores) in the early evening (around 5 pm) and run through the night if necessary.

#### **7 Fri 6 Apr**

If there is any remaining NSRL work for the week, this will be done during the day (behind RHIC stores).