

**SANE Short Term Run Plan – Wed. 3/ 4 eve – Thurs. 3/5 owl**

**RUN PLAN** (SAVE previous run plans in the Run Plans binder)

Wed. 3/4 eve to Thurs. 3/5 owl/day. Opportunistic accesses: when switching targets, during anneals (check with the target experts) or to delay or move up anneal times to avoid annealing between midnight and 6:00 AM. Keep < 30 min. long if possible.

BEAM (for production runs):

Current : **85 to 105 nA**

- check that the **SR is ON** and configured for *20 mm diameter, 4.7 GeV beam.*  
Wavetek generators Preset 5: spiral = 1.16 V; circles 1 & 2 = 1.10 V
- **fast rater 1 x 1 mm**  
beam at **x = -2.7, y = 0.06 mm on BPM 3H00A;**  
**x = -3.8, y = 0.62 mm on BPM 3H00B** (run 72857 in hclog entry 177929)

DATA:

**HMS: should be set to central momentum to 3.585 GeV, 22.3°, protons.**

- Make sure all detectors are ON, LED's off and retracted, prescale factors and trigger type correct, etc. before starting
- Anneal - repolarize (2 ½ h) until ~10:00 PM
- Take data with BOTTOM target **NEGATIVE** polarization until 5:30 AM (owl). Ask for **90 nA**. When the polarization is below 62%, ask for **105 nA**.
- Ramp magnet down.