

## Run Plan 2010-05-14 to 2010-05-16

### Changes:

v1 - First issue

v2 - Added shifter and BLOC names, added checks for data integrity, trigger, removed pion running from KL, confirmed priority for DS work

### Friday 2010-05-14

Start 14.00

**MOM:** Chris Rogers

**BLOC:** Henry Nebrensky

**Shifter:** Linda Coney (TBC)

### Saturday 2010-05-15

Start 09.00 am

**MOM:** Chris Rogers

**BLOC:** Henry Nebrensky

**Shifter:** Matt Littlefield

### Sunday 2010-05-16

Start 09.00 am

**MOM:** Chris Rogers/Linda Coney

**BLOC:** Henry Nebrensky

**Shifter:** Matt Littlefield

### Prerequisites

- Authorisation from ISIS
- ATW etc from Willie
- Completion of Decay Solenoid work

### Plan

1. Run up beamline on Friday; leave hall in controlled access mode over night
2. Friday and Sunday
  - Ensure trigger is TOF1
  - Take data for KL calibration; 2000 pulses at each of the beamline settings below
  - Check KL, TOF set voltages; check KL Online Monitoring plots
3. Saturday
  - Ensure trigger is TOF0
  - Set beamline to 200 MeV/c muons; run 600 pulses with no absorbers in to compare with previous running
  - Set beamline to 140 MeV/c muons
  - Take 600 pulses at each of the proton absorber settings below
  - Check DAQ Online Monitoring plots
4. Sunday if time
  - Ensure trigger is TOF1
  - Take positron data with beamline settings listed below
  - How many pulses?

Q1	Q2	Q3	D1	D2	Q4	Q5	Q6	Q7	Q8	Q9
56.35	102.70	62.65	195.72	98.59	163.16	218.79	144.14	83.40	125.70	80.06

<b>KL Calibration beamline settings</b>	
<b>Species</b>	<b>Momentum</b>
e+	210
e+	220

<b>Proton absorber settings</b>							
0	54+29+15	54+29	54+15	54	29+15	15	0