

Date **Thurs 29th September 2011**

MOM Giorgio Cecchet

BLOC Adam Dobbs

SHIFT 1 Henry Nebrensky

Target Expert 1 Ed Overton

Target Expert 2 Paul Smith

(Matt Robinson/ Paul Hodgson Available by Phone)

Primary Aims **Beam Bump Studies**

Done in conjunction with detectors to compare production rates

Secondary Aims **CKOVs - test new acetate windows**

p_D1 = p_D2

Beamline Polarity +ve

| Time | Task | Comments |
|---------------|--|--|
| 16:30 - 18:30 | Lock Hall/set PPS(/Raise Beamstop?) Power up magnets Turn on Detectors | Q1-9, D1, D2, (NO DS) Hopefully we should have Q2 D2 and Q6 operational again. Setup for pion beam. GVA1, TOF0, TOF1, (TOF2) Luminosity Monitors, CKOVs Need to ensure that we have a DAQ trigger. |
| 18:30 - 19:30 | Find location of ISIS Beam wrt target Ascertain that we can take data Take some baseline data with target running at 1V beamloss ISIS will try and move beam position downwards Take some more data with the target running at 1V beamloss | Check new Target Quickstart Guide (Beam position was a little high for us on Tuesday) See how effective moving the beam is |
| 19:30 - 00:00 | Beam Bump Studies Data Taking | Try kicking the beam up towards the target during last few ms Compare particle rate profile before and after beam bump Ensure that the detectors are working as expected |