

Injector Activities, Thursday 4/19 (0700-1700)

0700 (OPS) Beam & Gun Off

(OPS) Setup Controlled Access to Injector Segment

(Riad) QE scan

(Joe) Unplug Hall C IA and retract fiber array detector

(Eric) Insert steel plate above detector

(Erica) Check cable connection on annihilation detector

0740 (OPS) Beam Permit for INJ/NL w/ destination to be INJ/NL

(OPS) Gun HV, Capture, 0L02 On; Keep zones 0L03, 0L04 Off

0800 (PEPPo) 8 hours of beam studies begin

*** Note – At some point we pause for 30 min Kortze ItoV injector test w/ pulsed to FC1 ***

(PEPPo) Setup BCM0L02 calibration for 1.5uA FS; learn FSD limits for 10nA and 1uA

Name	Duration	Energy	Current	Target	DAQ Mode	MPD5D03	MPA5D05
Compton –FADC	1.5	6.2	<100pA	Out	1,2,3	Electron	0A
Compton –PITA	1.0	6.2	<100pA	Out	3	Electron	0A
Compton –ASYM	1.0	6.2	<100pA	Out	3	Electron	+/- 60A
SPEC – E1, COLLIM	0.5	6.2	VL	Out	n/a	Electron	0
SPEC – E1, TARGET	1.0	6.2	<1uA	0.1mm	1,2	Off	0
SPEC – E2, COLLIM	0.5	4.5	VL	Out	n/a	Electron	0
SPEC – E2, TARGET	1.0	4.5	<1uA	0.1mm	1,2	Off	0
SPEC – E3, COLLIM	0.5	3.0	VL	Out	n/a	Electron	0
SPEC – E3, TARGET	1.0	3.0	<1uA	0.1mm	1,2	Off	0

1600 (Sue/Arne) PEPPo collimator software tests, reboots of iocin2, iocin3

1700 (Yan) Injector setup begins (spot move, spin flip, etc)