p(e,e'π)n Run Sheet

can be found at lichen.phys.uregina.ca/~huberg/fpi/

Date: ____/____/____ (yy mm dd) Initials: _____

Use a separate sheet for each configuration.

Configuration Name: _____

_____

_____

Purpose:
- ☐ Production
- ☐ Test (e.g. DAQ, Detector)
- ☐ Optics (SHMS / HMS)
- ☐ Other: _____

E_{beam}: _____ GeV

I_{beam}: _____ μA

Raster: ☐ On ☐ Off

Size: _____

HMS

p: +/-_____ (From GUI) θ(TV): _____ (Nearest 0.005)

SHMS

p: +/-_____ (From GUI) θ(TV): _____ (Nearest 0.005)

Beam position and angle on target:

3H07A	X _____ mm Nomin:	Y _____ mm Nomin:	
3H07C	X _____ mm Nomin:	Y _____ mm Nomin:	

	HMS	SHMS	
Q1	I-SET (from PSU) A / B-HALL T	I-SET (from PSU) A / B-HALL kG	HB
Q2	I-SET (from PSU) A / B-HALL T	I-SET (from PSU) A / B-HALL kG	Q1
Q3	I-SET (from PSU) A / B-HALL T	I-SET (from PSU) A / B-HALL kG	Q2
D	I-READ A / B-NMR T	I-SET (from PSU) A / B-HALL kG	Q3
	If momentum increased: ☐ HMS cycled? ☐ SHMS cycled?	I-SET (from PSU) A / B-NMR kG	D

Collimator: HMS: Large ☐ Sieve ☐ | SHMS: Collim ☐ Sieve ☐

Run Number:

☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ___cm
☐ _____

PS1: _____
PS2: _____
PS3: _____
PS4: _____
PS5: _____
PS6: _____
Mode10: cer / fadc

Start time (RC GUI):

Stop time (RC GUI):

☐ Settings Verified?
☐ HV OK?
☐ 50k OK?

HMS prescale pretrig: k

SHMS prescale pretrig: k

COIN pretrig: k

e-πn evts:

Σ *e-πn* evts:

☐ Data ok
☐ Junk

Comments:

Run Number:

☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ___cm
☐ _____

PS1: _____
PS2: _____
PS3: _____
PS4: _____
PS5: _____
PS6: _____
Mode10: cer / fadc

Start time (RC GUI):

Stop time (RC GUI):

☐ Settings Verified?
☐ HV OK?
☐ 50k OK?

HMS prescale pretrig: k

SHMS prescale pretrig: k

COIN pretrig: k

e-πn evts:

Σ *e-πn* evts:

☐ Data ok
☐ Junk

Comments:

Run Number:

☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ___cm
☐ _____

PS1: _____
PS2: _____
PS3: _____
PS4: _____
PS5: _____
PS6: _____
Mode10: cer / fadc

Start time (RC GUI):

Stop time (RC GUI):

☐ Settings Verified?
☐ HV OK?
☐ 50k OK?

HMS prescale pretrig: k

SHMS prescale pretrig: k

COIN pretrig: k

e-πn evts:

Σ *e-πn* evts:

☐ Data ok
☐ Junk

Comments:

Run Number:

☐ LH2 10cm
☐ LD2 10cm
☐ Dummy 10cm
☐ C 0.5% r.l.
☐ Optics ___cm
☐ _____

PS1: _____
PS2: _____
PS3: _____
PS4: _____
PS5: _____
PS6: _____
Mode10: cer / fadc

Start time (RC GUI):

Stop time (RC GUI):

☐ Settings Verified?
☐ HV OK?
☐ 50k OK?

HMS prescale pretrig: k

SHMS prescale pretrig: k

COIN pretrig: k

e-πn evts:

Σ *e-πn* evts:

☐ Data ok
☐ Junk

Comments: