

Qweak 2011 Close Out Plan

Version 2: 16-Dec-2011

Date	Shift	Planned	# Shifts Required	# Shifts Used	# Shifts Production	IHWP
15-Dec-11	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=in	1	0	0	0
Thursday						
16-Dec-11	Owl	LH2 Production: 180 uA, A_q < 350, IHWP=in	1	0.5	0.5	in
Friday						
	Day	Angle Steering: Mark Pitt, Jay, Yan 2 hours 180uA on LH2, QTOR not at full current	1		0.125	out
	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=out	1			
17-Dec-11	Owl	LH2 Production: 180 uA, A_q < 350, IHWP=in	1			
Saturday						
	Day	N --> Delta ~ 1 hour QTOR @ 7000 A, IHWP = in Drive position differences with helicity flip first: measure slopes ~ 1 hour ATLIS, affects other Halls	1			
	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=out	1			
18-Dec-11	Owl	LH2 Production: 180 uA, A_q < 350, IHWP=in	1			
Sunday						
	Day	Moller measurements ~ 1/2 shift	1			
	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=out	1			
19-Dec-11	Owl	LH2 Production: 180 uA, A_q < 350, IHWP=in	1			
Monday						
	Day	Energy Measurement: ~ 1/2 shift Out of Compton chicane Drive position differences with helicity flip Part2: drive the position differences ~ 3 hours ATLIS, may affect other Halls charge feedback off, beam modulation off	0.5			
	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=out	1			
20-Dec-11	Owl	LH2 Production: 180 uA, A_q < 350, IHWP=in	1			
Tuesday						
	Day	Retuning + Raster Studies: Mark Pitt, Jay, Yan 3 hours Large A_q, vary raster size	1			
	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=out	1			
21-Dec-11	Owl	LH2 Production: 180 uA, A_q < 350, IHWP=in	1			
Wednesday						
	Day	Moller measurements ~ 1/2 shift	1			
	Swing	LH2 Production: 180 uA, A_q < 350, IHWP=out	1			

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22-Dec-11 Owl	LH2 Production: 180 uA, A _q < 350, IHWP=in	1
Thursday		
Day	Target: Warm Up Graceful shutdown	
# Shifts with beam		
	20	0.5 0.625

High Priority Energy Measurement: ~ 1/2 shift Monday
Out of Compton chicane

High Priority Moller measurement ~ 1/2 shift Sunday

High Priority Moller measurement ~ 1/2 shift Wed

Drive position differences with helicity flip Saturday
first: measure slopes ~ 1 hour
ATLIS, affects other Halls

Drive position differences with helicity flip Monday
Part2: drive the position differences ~ 3 hours
ATLIS, may affect other Halls
charge feedback off, beam modulation off

N --> Delta ~ 1 hour Saturday
QTOR @ 7000 A, IHWP = in

Opportunistic Aperture interception at injector: Manolis
injector on but invasive

Transverse Running 6 Shifts
Micro spin dance 1/2 shift ???????
Beam on LH2 ~ 5 shifts
N--> Delta ~ 2 hours
Lack of Compton not a problem
May interfere with other Halls -- AKO will check