



Orbit Locks
Running

Fast Shut Down				
	Upstream	Midstream	Downstream	BOM
Counts	11	19	304213	7223
Threshold	2000	2000	500000	35000
Dwell Time (ms)	5.00	5.00	5.00	5.00
Masked / Tripped				

JScalers				
BAND 1402	ECAL	18000	18921	RICH 1350
	PCAL	10573	7287	
	FTOF	30779	27391	CND 229723
	LTCC	N/A	47676	
	HTCC	29595	33633	
S2	ECAL	15671	S3	7616
	PCAL	9964	FTC / FTH	8012
	FTOF	31583	S4	38863
	HTCC	32784	S5	34975
	ECAL	19774	S6	6391
S1	PCAL	9789	S5	8031
	FTOF	33774	CTOF	179025
	LTCC	N/A		98920
	HTCC	33985		
	ECAL	19774		

04/11/2019 06:09:05
Hall B Status: Beam Permit 1 Pass 5

RATES					Midstream Halo Counters	
Moeller-L	0	Upstream-L	2	Tagger Top	0	
Moeller-R	0	Upstream-R	8	Tagger Bottom	0	
				2H00 Down	8	

Midstream Halo Counters				
T	2	R		
L	0	R	0	
			13	

Downstream Halo Counters				
T	61050	R		
L	31212	R	51032	
			190439	

Beam Time Accounting

Beam Availability	Available
DAQ Status	In Use
Beam Type	Electron
Beam Destination	Faraday Cup
BSY Energy (MeV)	10199.78
Max RMS (%)	40.88
Bunch Frequency	250 MHz

Helicity

1/2 Wave Plate		IN	
+Z to +Y	60.00	Q-Asym (%)	-0.030 +/- 0.025
+Y to -X	90.010		
+Z to -X	-0.00	Sync Rate (Hz)	30.50
Delay	8 windows	H+ Rate (Hz)	9.00

Beam Position Monitors

	2C21A	2C24A	2H00	2H01
Current (nA)	49.52	46.01		46.90
X Abs Pos (mm)	-0.313	0.258	3.068	2.991
Y Abs Pos (mm)	-0.584	0.349	1.093	-1.018

Cryotarget

Temperature	19.93 K
Pressure	1170.00 mb
	Full

Beam Offset Monitor

165	95	
278	23	
475	62	
798	7426	319
495	7168	951
456	Sum	791
428	980	
1084	111	
→ Beam Right		

FTC Asymmetry

X	1.22 %
Y	-0.20 %

FC Temps (F)

SLM	Faraday Cup	75.93
51.16	4.77	76.15
	50.65	(deattenuated)

Current Ratios

FCup / SLM	0.988
FCup / 2c21	1.034

Moving Devices

Harp 2C21	Moeller Target	Tagger Harp (2C24)	Collimator	2H01A Harp
OUT	Right Empty Left Foil	OUT	Empty 20 mm Blank 12 mm	OUT

Beam Viewer

Chromax
BNNT
OTR

Beam Blocker

IN

BB Temps (F)

88.09
91.19

Beamline Vacuum

2C21	2C21A	2C24	2H00	2H01
2.57E-7	2.13E-6	4.16E-6	7.23E-6	5.40E-7
2C21H	2C22H	Moeller Quad A		
2C21V	2C23V	Quad B	Tagger	

-4840.217	4807.655	-5.861		MQA2H00	-0.000	2H00H	-0.001
6377.023	1510.085	9.768	0.4	MQA2H00A	-0.000	2H00V	-129.839
			-0.00026				

Solenoid

2418.55	A
5.08	T

Torus

3766.22	A
20215	G
POSITIVE	Polarity

Open BTA Config

