

Machine Studies

Schedule for Run02-1, 2019 (includes Pre-studies)

May 17th 0800 – May 29th 0800

Time	Descriptions	Studios	SR Status
	Fri, May 17, 2019 (Pre-Studies)		
0800-1000	Final checkout & prepare for 324 conditioning with beam	OPS	Stored beam & injection
1000-1600	Condition RF cavities with beam to 150mA with 324 singlets at 6 GeV	OPS	Stored beam & injection
1600-2100	Lower current scraper studies	Emery, Yipeng Sun	Stored beam & injection
2100-2400	Archive scraper motion	Xiao, Schroeder	Stored beam & injection
	Sat, May 18, 2019 (Pre-studies)		
0000-0300	Archive scraper motion (continued)	Xiao, Schroeder	Stored beam & injection
0300-1100	Scraper beam dumps	Borland Emery, Dooling, Sereno, et al	Stored beam & injection
1100-1500	Wakefield testing	Dooling, Xiao, Lindberg	Stored beam & injection
	Additional studies may occur		
	Sun, May 19 2019 (Pre-studies)		
	Additional studies may occur		
0630-0700	Prepare for Zone F & Zone A access	OPS	
0700-0800	FMS rack-out Zone F, Zone A& Dipole switchgear	FMS	No beam
0800-2400	Prep to and remove scraper, start bake-out Remove obstruction at 5-ID, start back out	Multiple groups	No beam
	Mon, May 20, 2019 (Pre-studies)		
0000-2400	Bake-out ongoing	Vacuum group	No beam
0700-1500	Condition Linac RF and tune L5 SLED	Meyer	No injection

0700-1500	Parasitic PAR RF measurements	Berenc	No injection
	Tues, May 21, 2019 (Pre-studies)		
0000-2400	Bake-out ongoing/cooldown/prepare for Zone F closure	Vacuum group	No beam
0000-2400	Bake-out ongoing/cooldown/prepare for Zone A closure		
0300-0700	Kicker validation	Fystro	No injection
0700-1500	Condition Linac RF and tune L5 SLED	Meyer	No injection
	Wednesday, May 22, 2019 (Pre-studies end at 16:00)		
0000-1500	Position ID and prepare for Zone A closure/close Zone A and prepare for conditioning with beam	Multiple groups/OPS	No beam
1500-2400	Conditioning with beam (24 singlets)	OPS	Stored beam & injection
1800-2200	BPM checkout (parasitic)	Sereno	Stored beam & injection
1800-2000	Initial pinhole camera set-up (parasitic)	Yang	Stored beam & injection
	Thursday, May 23, 2019		
0000-0800	Conditioning with beam (24 singlets) (continued)	OPS	Stored beam & injection
0800-1200	BPLD validation	Hahen	Stored beam & injection
1200-1600	Xbpm check-out	Hahne	Stored beam
1200-1600	Booster tune-up (parasitic)	Calvey	Occ. inj. possible
1600-2100	Initial lattice setup	Xiao	Stored beam & injection
2100-2400	Recover orbit	Yipeng Sun	Stored beam & injection
	Friday, May 24, 2019		
0000-0600	OPEN		
0600-0900	Set-up 6GeV, Condition beam up to 150mA with 324 singlets	OPS	Stored beam & injection
0900-1700	LFB studies	Emery Kallakuri	Stored beam

			& occ. inj.
1700-2300	CPU checkout	Xiao	Stored beam & occ. inj
2300-0000	BPM offset measurements	OPS	Stored beam & inj
Saturday, May 25, 2019			
0000-0800	BPM offset measurements	OPS	Stored beam & inj.
0800-1100	ID perturbation measurement (324 singlets)	Emery	Stored beam
1100-1700	IEX checkeout	Xiao	Stored beam & occ. inj.
1700-2400	OPEN		
Sunday, May 26, 2019			
0000-0800	OPEN		
0800-1000	test TFB system for different fill patterns	Yao	Stored beam & inj.
1000-1200	Investigate 325MeV booster ramp correction problem	Yao	Stored beam & inj
1200-1900	OPEN		
1900-2400	Top-up verification	OPS	Stored beam & inj.
Monday, May 27, 2019			
0000-0900	Top-up verification	OPS	Stored beam & injection
0900-2400	OPEN		
Tuesday, May 28, 2019			
0800-1200	ID perturbation measurement	Xiao, M. Smith	Stored beam & inj.
1200-1600	Final lattice setep	Xiao	Stored beam & inj.
1600-1900	Final orbit set-up	Xiao, Yipeng Sun	Stored beam & inj.
1900-2100	Final pinhole camera set-up & bunch purity set-up	Yang	Stored beam & injection
2100-2200	OPEN		

2200-2300	Set-up PAR Bunch Cleaning & check bunch purity	Harkay	Stored beam & injection
2300-2400	OPEN		
	Wednesday, May 29, 2019		
0000-0630	OPEN		
0630-0800	Prepare for User beam	OPS	Stored beam & injection