

Machine Studies

Draft Schedule for Run01-1, 2014

January 21st 0800 – January 28th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, January 21, 2014			
0800-1200	BPLD validations	Bui	Stored beam & injection
1200-1600	X-ray BPM checkout	Hahne	Stored beam & Occ. inj.
1300-1500	Linac training (07-15) parasitic to X-ray BPM checkout	Frazier	Limited Injection
1600-2200	Initial BPM checkout	Sereno	Stored beam & injection
2200-2400	100 mA 24 bunches, ID28 bump study with SCU0 beam losses during beam dumps	Xiao/Harkay/Dooling	Stored beam & injection
Wednesday, January 22, 2014			
0000-0200	100 mA 24 bunches, ID28 bump study with SCU0 beam losses during beam dumps	Xiao/Harkay/Dooling	Stored beam & injection
0200-0800	100 mA 24 bunches, Orbit recovery with BPM offset measurement S25-28	Xiao	Stored beam & injection
0800-1200	Initial lattice setup	Sajaev	Stored beam & injection
1200-1300	Linac training	Frazier	Limited injection
1300-1600	Set-up RF Gun 1 files	Pasky	
1300-1600	RF5 troubleshooting	RF Group	No injection
1600-2000	PAR high charge studies	Yao/Harkay	No injection
1600-2200	CPU checkout I	Xiao	Stored beam
2200-2400	OPEN		

Thursday, January 23, 2014			
0000-0400	OPEN		
0400-0600	Linac training (00-07)	Frausto	Limited injection
0600-0800	test 1-Hz linac-PAR injection.	Lenkszus, DiMonte, Yao.	No injection
0800-1100	BESOCM Trigger validations	Pasky/Pietryla	No Injection
0800-1100	Investigate suspect RF cavity IR detectors	RF Group	Zone F access
0800-1100	Working on the IEX BPLD	Deriy	No beam
0800-1100	Waveguide switch to RF3&RF4	RF Group	No beam
0800-1100	Booster ramp current regulation test	Yao/Shang	No Injection
1100-1300	Booster extraction area radiation survey with HP with beam steering	Yao/Vacca	Limited injection
1300-1500	Injector training (07-15)	Angel	Limited Injection
1500-2100	Intermediate BPM checkout	Sereno	Stored beam & injection
2100-2400	OPEN		
Friday, January 24, 2014			
0000-0400	OPEN		
0400-0600	Linac training (00-07)	Frausto	Limited Injection
0600-1200	Investigate diag. in PAR & PTB for high charge (Fill SR with 324 singlets before this study starts)	Keane/Lill/ Pasky	Limited injection
0730-1000	Set-up visible light pinhole (324 singles)	B. Yang/Emery	Stored beam & occ. injection
1200-1800	100mA 324, IEX checkup	Xiao/Deriy	Stored beam
1800-2400	Try on-resonance beam size measurements	Sajaev + others	Stored beam & injection
Saturday, January 25, 2014			
0000-0700	OPEN		

0700-0900	Injector training (07-19)	Angel	Limited Injection
0900-1200	Set-up RF Gun 1 files	Pasky/Dooling/ Yin-E Sun	Limited injection
1200-1700	OPEN		
1700-2300	CPU checkout #2	Xiao	Stored beam
2300-2400	OPEN		
Sunday, January 26, 2014			
0000-0800	OPEN		
0800-1000	Injector training (07-19)	Angel	Limited Injection
1000-1800	Top-up checkout	OPS	Stored beam & injection
1200-1700	Set-up visible light pinhole (parasitic to top-up checkout)	B. Yang	Stored beam &injection
1800-2400	100mA, 324 IEX checkout #2	Xiao	Stored beam
Monday, January 27, 2014			
0000-0700	OPEN		
0700-0900	Injector training (07-15)	Angel	Limited Injection
0800-1000	Waveguide switch to RF3 and check for operational readiness	RF group	No beam
1000-1200	Final pinhole camera setup & bunch purity setup	Yang	Stored beam & injection
1200-1800	Final BPM checkout	Sereno	Stored beam & injection
1800-2200	Final lattice setup	Sajaev	Stored beam & injection

2200-2400	SCU0 skew quad feedforward checkout, 100 mA, 24 bunches	Harkay/Emery	Stored beam & injection
	Tuesday, January 28, 2014		
0000-0200	SCU0 skew quad feedforward checkout, 100 mA, 24 bunches	Harkay/Emery	Stored beam & injection
0100-0630	OPEN		
0630-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection