

Machine Studies

Draft Schedule for Run01-1, 2017

January 24th 0800 – January 31st 0800

Time	Descriptions	Studiers	SR Status
Tuesday, January 24, 2017			
0000-1800	RF conditioning with beam (12 hours)	OPS	Stored Beam& Injection
	BPM/feedback system checkout (parasitic)	Sereno	
1800-2200	BPLD validations	Erwin	Stored Beam& Injection
2200-2400	X-ray BPM sanity check	Hahne	Stored Beam& Injection
Wednesday, January 25, 2017			
0000-0400	Initial lattice setup	Sajaev	Stored Beam& Injection
0400-0900	Orbit recovery	Xiao	Stored Beam& Injection
0900-1000	13BM PSS End-to-End test	OPS	No beam
0900-1100	Repair/replace RG2 Control Power supply	Puttkammer	No injection
0900-1000	Troubleshooting broken BPMs, S21A:P3, and S37A:P4.	Bui	No injection
1000-1200	Switch to back-up PAR RF systems and switch back (1st hour without Linac beam)	Goel	No Booster injection
1200-1400	BPM/feedback system checkout for libera bpms	Sereno, Brill	Stored Beam& Injection
1400-1800	S27 Integrated beam stability studies	Sereno, et al	Stored Beam& Injection
1800-2400	Set up 6 GeV Booster/SR for LFB study	Emery, Sajaev, Xiao, Harkay, Calvey	Stored Beam& Injection
Thursday, January 26, 2017			

0000-0400	SCU sector 6 field integral measurement	Emery	Stored Beam & Injection
0400-0800	High beta lattice study	Y-P Sun	Stored Beam & Injection
0800-1200	ID4 aperture full measurement	Y-P Sun	Stored Beam & Injection
1200-1300	AK0 checkout	Harkay, Dooling	Stored Beam & Injection
1300-1600	P0 feedback setup	Sajaev	Stored Beam & Injection
1600-2200	Dimtel LFB study	Harkay, Emery, Berenc, Wienands, Nassiri, Byrd, Teytelman	Stored Beam & Injection
2200-2400	Automated commissioning study	Sajaev	Stored Beam & Injection
	Friday, January 27, 2017		
0000-0300	Automated commissioning study	Sajaev	Stored Beam & Injection
0300-0600	Dynamic aperture measurement	Sajaev	Stored Beam & Injection
0600-0800	Open		
0800-1200	S27 Integrated beam stability studies	Sereno, et al	Stored Beam & Injection
1200-1600	Bring degassifier back on-line (all equipment using PW will be shut off, after which all PW pumps will be shut down before the degassifier is valved in)	Swetin, Kailus, etc.	No beam in any machine
1200-1600	Booster Orbit control (contingent study if degassifier is not ready)	Emery, Shang, Sereno, Harkay, Calvey	Stored Beam & Injection
1600-2200	Dimtel LFB study	Harkay, Emery, Berenc, Wienands, Nassiri, Byrd, Teytelman	Stored Beam & Injection

2200-2400	PAR tuneup with 4 combinations of RF systems. (OPS will assist at with RF switch and initial setup) Booster tune-up Booster 10 nC study	Harkay/Calvey	Stored Beam & Injection
	Saturday, January 28, 2017		
0000-0400	PAR tuneup with 4 combinations of RF systems. (continued) Booster tune-up Booster 10 nC study (OPS will LOTO BTS:BX p.s. in addition to any other high current requirements)	Harkay/Calvey	Stored Beam & Injection
0200-1000	Open		
1000-2400	CPU checkout	Xiao	Limited Injection
	Sunday, January 29, 2017		
0000-0800	Top-up verification	OPS	Stored Beam & Injection
0800-1600	Sector 27 XBPM2 commissioning (shutters open)	Sereno, Yang	Stored Beam & Injection
1600-2400	IEX checkout	Xiao	Limited Injection
	Monday, January 30, 2017		
0000-0700	Top-up verification	OPS	Stored Beam & Injection
0700-1200	Final lattice and injection setup	Sajaev	Stored Beam & Injection
1200-1400	SCU6 skew quad FF checkout	Harkay	Stored Beam & Injection
1400-1600	Final pinhole & bunch purity set-up	Yang	Stored Beam & Injection
1600-2400	Sector 6 and 36 GRID Xbpm testing	Sereno, Yang	Stored Beam & Injection
	Tuesday, January 31, 2017		
0000-0230	Final orbit checkout	Xiao	Stored Beam & Injection

0230-0630	ID4 local impedance measurement	Sajaev	Stored Beam & Injection
0630-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection