

Machine Studies

Draft Schedule for Run02-1, 2016

May 24th 0800 – June 1st 0800

Time	Descriptions	Studiers	SR Status
Monday, May 23, 2016			
0800-1000	Store first beam & MPS live tests	OPS	Stored Beam& Injection
1000-1400	ID4 aperture measurement (<30 mA)	Emery/Y.P.Sun	Stored Beam& Injection
1400-1500	SCU0/SCU1 beam-based alignment 25 mA, 24 bunches	Harkay	Stored Beam& Injection
1500-2400	RF conditioning with beam (9 hours)	OPS	Stored Beam& Injection
Tuesday, May 24, 2016			
0000-1200	RF conditioning with beam (12 hours)	OPS	Stored Beam& Injection
1200-1600	BPLD validations	Erwin	Stored Beam& Injection
1600-2000	X-ray BPM sanity check	Hahne	Stored Beam& Injection
2000-2400	BPM/feedback system checkout	Sereno	Stored Beam& Injection
Wednesday, May 25, 2016			
0000-0400	Initial lattice setup	Sajaev	Stored Beam& Injection
0400-0800	Orbit recovery	Xiao	Stored Beam& Injection
0800-1000	BPM offset measurement	Xiao	Stored Beam& Injection
1000-1400	Install extra radiation shielding to PAR	MOM	Access PAR
1000-1030	Prepare for SR RF waveguide switch and access into Zone F	OPS	No beam
1030-1130	SR RF waveguide switch to RF2 providing	RF Group	No beam

1030-1130	Replace S38 Cav 1 upstream & downstream IR detectors	Pace/McKenzie	Zone F access
1400-1800	Online-MOGA optimization	Y.P. Sun	Stored Beam & Injection
1800-2000	Check error messages from steering alarm handler	Fystro	Stored Beam & Injection
2000-2400	Sector 27 unified feedback studies	Sereno	Stored Beam & Injection
Thursday, May 26, 2016			
0000-0800	Open		
0800-0900	PSS end to end tests	Budz	No Beam
0800-1200	Calibrate L2 vswr circuit	RF Group	No injection
1200-1230	Recover injectors	OPS	Stored Beam & Injection
1230-1500	PAR radiation survey	Yao/Vacca	Limited Injection
1500-1900	Booster new BPM test	Yao/Shang/Bui/Pietryla	Limited Injection
1600-2400	CPU checkup and correction I	Xiao	Limited Injection
Friday, May 27, 2016			
0000-0400	Re-calibrate ID1 BLM	Dooling/Harkany	Stored Beam & Injection
0400-0500	OPEN		
0500-0800	ID4 aperature scan	Yipeng Sun	Stored Beam & Injection
0800-1200	L4 rf study	RF group	No Beam
1200-1600	Sector 27 unified feedback studies	Sereno	Stored Beam & Injection
1600-2000	Troubleshoot Booster Current Monitor	Yao/Shang	Limited Injection
2000-2400	Booster 132nm efficiency study	Yao/Shang	Limited Injection
2000-2400	CPU checkup and correction II	Xiao	Limited Injection
Saturday, May 28, 2016			
0000-0200	CPU checkup and correction II (cont)	Xiao	Limited injection
0200-0600	Open		
0600-1000	Online MOGA optimization	Yipeng Sun	Stored beam & injection

1000-1600	PAR RF studies	Calvey, Berenc, Borland	Limited injection
1600-2400	IEX checkup and correction I	Xiao	Stored Beam & Injection
Sunday, May 29, 2016			
0000-0800	Open		
0800-1600	132nm lattice studies	Yao/Borland	Limited injection
1600-2400	IEX checkup and correction II	Xiao	Stored Beam & Injection
Monday, May 30, 2016			
0000-1000	Top-up verification	OPS	Stored Beam & Injection
1000-1800	ID4 aperature scan	Yipeng Sun	Stored Beam & injection
1800-2400	Top-up verification	OPS	Stored Beam & Injection
Tuesday, May 31, 2016			
0000-0700	Top-up verification	OPS	Stored Beam & Injection
0700-1200	Final lattice and injection setup	Sajaev	Stored Beam & Injection
1200-1400	SCU0 skew quad FF checkout	Harkay	Stored Beam & Injection
1400-2200	Commission S6 GRID XBPM and PE XBPM	Sereno/Yang	Stored Beam & Injection
2200-2400	Final pinhole & bunch purity set-up	Yang	Stored Beam & Injection
Wednesday, June 1, 2016			
0000-0100	Final pinhole & bunch purity set-up	Yang	Stored Beam & Injection
0100-0600	ID4 impedance measurement	Sajaev	Stored Beam & Injection
0600-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection