

Machine Studies

Draft Schedule for Run01-1, 2016

January 26th 0800 – February 2nd 0800

Time	Descriptions	Studiers	SR Status
Monday, January 25, 2016 (PRE-STUDIES)			
0800-1000	Set-up Booster normal ramps	Yao	
1000-1200	Store first beam & MPS live tests	OPS	Stored beam & injection
1200-1300	SCU1 and SCU0 beam-based alignment (ID steering). 25 mA, 24 bunches,	Harkay	Stored beam & injection
1300--	RF Conditioning with Beam (16 hours)	OPS	
Tuesday, January 26, 2016			
1000-1100	Troubleshoot S33/S34 FPGA bpm readbacks	Lenkszus	no beam/stored beam
1000-1100	Swap CMPSI cables S4B:H3 and S4B:V3 and verify/make orbit adjustment	Emery, Ju Wang	No beam/stored beam
1100-1400	BPLD Validations	Erwin	Stored beam & injection
1400-1700	X-ray bpm sanity check	Hahne	Stored beam & injection
1700-2200	Bpm/feedback system checkout	Sereno	Stored beam & injection
2200-2400	Initial lattice setup	Sajaev	Stored beam & injection
Wednesday, January 27, 2016			
0000-0300	Initial lattice setup (continued)	Sajaev	Stored beam & injection
0300-0800	Orbit recovery	Xiao	Stored beam & injection

0800-1200	lstudy PAR ion effects at high pressure	Calvey, Yao, Harkay	Limited injection
1200-1500	Verify sector 27 MMS calibration factor change	Sereno, Lill, Yang	Stored beam & injection
1500-1900	Injection optimization	Sajaev	Stored beam & injection
1900-2400	CPU checkup and correction I	Xiao	Stored beam
Thursday, January 28, 2016			
0000-0100	CPU checkup and correction I (continued)	Xiao	Stored beam
0100-0800	PC Gun in Linac	Yin-E Sun, Dooling	Limited injection
0800-1100	BESOCM and Linac waveguide switching validation	Pietryla, Pasky	No Injection
0800-1130	Swap out Quads for the IGBT upgrade in sectors 25 and 26...	Puttkammer	No beam
0800-1200	Test Booster main ramp supplies for normal and long ramps	Yao, Puttkammer, Lenkszus	Limited injection
0800-1130	Troubleshoot CMPSI Mux card in S27 P.S. Cabinet 2	Fors	No beam
0830-1100	Correct P.S. to magnet corrections for S4B:[HV]3. Restore correct CMPSI connections	Puttkammer	Access Zone A
0830-1100	Access into SR to place TLD's by Zone A/F gate	Vacca	Access Zone A
0830-1100	Troubleshoot 3-ID's rotary encoder	Merritt	Access Zone A
1200-1300	Verify P.S to magnet connection for S4B: [HV]3	Emery	Stored beam
1200-1400	Stored beam for measuring radiation at Zone A/F gate	Vacca	Stored beam
1300-1400	16ID shielding verification (no top-up) 100mA	Ramanathan, Vacca	Stored beam

1400-1500	Access into SR to remove TLD's by Zone A/F gate	Vacca	Access into Zone A
1500-2100	GRID Xbpm studies (S24, 27 & 35 -- no shutters open)	Sereno, Yang	Stored beam & injection
2100-2400	IEX checkup and correction I	Xiao	Stored beam & injection
Friday, January 29, 2016			
0000-0300	IEX checkup and correction I (continued)	Xiao	Stored beam & injection
0300-0800	OPEN		
0800-1000	Abort kicker noise studies at S38 RF	Harkay, Dooling, Horan	Stored beam & injection
1000-1400	PAR radiation survey study. (1st hour needs Booster access)	Yao, Vacca	Booster Access
1400-1800	Sector 27 Libera B+ single turn resolution measurement	Sereno, Yao	Stored beam & injection
1800-2000	Booster beam full coupling test	Yao, Xiao	No injection
2000-2400	CPU checkup and correction II (continued)	Xiao	Stored beam
Saturday, January 30, 2016			
0000-0200	CPU checkup and correction II (continued)	Xiao	Stored beam
0200-0900	OPEN	OPS	Stored beam & injection
0900-1300	24 ID Compton XBPM studies (shutters open)	Sereno, Yang	Stored beam & injection
1300-1700	calibrate the ID4 fast loss monitor	Dooling, Harkay	Stored beam & injection
1700-2400	Top-up Verification	OPS	Stored beam & injection
Sunday, January 31, 2016			

0000-0200	Top-up Verification	OPS	Stored beam & injection
0200-0800	OPEN		
0800-1200	Booster long ramp study (Booster beam only)	Yao, Shang	No injection
1200-1800	study PAR ion effects at high pressure	Calvey, Yao, Harkay	Limited injection
1800-2400	IEX checkup and correction II	Xiao	Stored beam & injection
Monday, February 1, 2016			
0000-0700	OPEN		
0700-1200	Final Lattice Set-up	Sajaev	Stored beam & injection
1200-1400	SCU0 skew quad FF checkout	Harkay	Stored beam & injection
1400-1800	Steering test with user in sector 27 shutters open	Emery, Yang, Gog (27-ID)	Stored beam & injection
1800-2200	RG1 checkout	Yin-E Sun, Dooling	Limited injection
2200-2400	Final pinhole & bunch purity set-up	Yang	Stored beam & injection
Tuesday, February 2, 2016			
0000-0200	Final pinhole & bunch purity set-up	Yang	Stored beam & injection
0200-0630	OPEN		
0600-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection