

Machine Studies

Schedule for Run01-1, 2011

January 25th 0800 – February 1st 0800

Time	Descriptions	Studiers	SR Status
Monday, January 24, 2011			
0900-1000	Switch to RF1	RF group	No beam
1000-2400	RF conditioning.	OPS	Stored beam and injection
	Initial Pin-hole camera set-up. After 50mA is achieved. Parallel to RF conditioning.	Yang	Stored beam and injection
Tuesday, January 25, 2011			
0000-0800	RF conditioning (continued).	OPS	Stored beam and injection
0800-1000	BPLD validation.	Bui	Stored beam and injection
1000-1200	RF bpm checkout.	Hahne	Stored beam and injection
1200-2000	Initial bpm checkout.	Decker	Stored beam and injection
2100-2400	Beam induced multipacting.	Harkay Yao Dooling	Stored beam and injection
Wednesday, January 26, 2011			
0000-0300	Beam induced multipacting.	Harkay Yao Dooling	Stored beam and injection
0300-0600	OPEN		
0600-0800	LINAC P.S. software testing/debugging	Soliday	Limited injection
0800-0900	Verify S12C:HV1 connection.	Schroeder	Stored beam and injection
0900-1300	Orbit recovery, measure ID29 bpm offsets.	Xiao Sajaev	Stored beam and injection
1300-1700	Set up 24 singlets lattice (injection, beta functions).	Xiao Sajaev	Stored beam and injection
1700-1800	Set up booster ramp correction special	Yao Shang	No injection

	configuration.		
1800-2200	Set up hybrid (injection, beta functions).	Sajaev	Stored beam and injection
2200-2400	Intermediate bpm checkout with various fill patterns.	Decker	Stored beam and injection
Thursday, January 27, 2011			
0000-0600	Intermediate bpm checkout with various fill patterns (continued).	Decker	Stored beam and injection
0600-0800	SR PEM checkout.	OPS/Schroeder	Stored beam and injection
0800-0900	Remove shutter blocks on S29-ID FE	Banks	Access Zone E
0800-0900	Swap leads on S12C:H1:PS	Puttkammer	No Beam
0800-1200	PSS shutter checkouts	SI group	No Beam
0800-0900	Switch standby pump 516 over to primary pump 515 (P.S. in affected sectors set to 0)	Bracken	No beam
0900-1100	test SR converter P1 and P2 cables with the glitch detector running	Puttkammer	No beam
0800-1200	Verify RG1 and RG2 files and interlocks. Parallel to PSS shutter checkouts.	Pasky	No beam
0800-1200	Switch RF1.	RF group	No beam
0800-1000	Investigate Booster RF cav. Coupler body trips	RF group	No beam
0900-1100	Install Lebera chassis in the Sector 35-05 rack.	Erwin/Gold	No impact
1200-1600	CPU checkout and setup. With 324 bunches.	Xiao	Stored beam
1200-1500	Measure BTS emittance. Parallel to CPU checkout.	Yao Sereno	No injection
1600-2000	Set up orbit in sectors 39 and 40 for better injection.	Sajaev	Stored beam and injection
2000-2400	Loss monitor calibration.	Yang	Stored beam and injection
Friday, January 28, 2011			
0000-0500	BPM offset measurements	OPS	Stored beam and injection

0500-0900	Booster ramp correction with different LP filter.	Yao	No injection
0900-1200	FPGA data collection.	Wang	Stored beam and injection
1200-2000	Libera testing.	Decker Hahne Xu Yang	Stored beam and injection
2000-2400	CPU checkout and setup.	Xiao	Stored beam and injection
Saturday, January 29, 2011			
0000-0600	Single bunch vs multibunch instability thresholds vs chromaticity.	Harkay	Stored beam and injection
0600-1200	BPM offset measurements.	OPS	Stored beam and injection
1200-2000	Libera testing.	Decker Hahne Xu Yang	Stored beam and injection
2000-2400	Set up S32 RHB lattice.	Xiao	Stored beam and injection
Sunday, January 30, 2011			
0000-0800	Verify top-up.	OPS	Stored beam and injection
0800-1200	P0 feedback setup for user operation.	Yao Gold	Stored beam and injection
1200-1800	Sawtooth instability investigation with P0 feedback.	Harkay Yao	Stored beam and injection
1800-2400	Digital camera commissioning.	Yang	Stored beam and injection
Monday, January 31, 2011			
0000-0100	OPEN		
0100-0700	Test failed sextupole corrections.	Sajaev	Stored beam and injection
0700-1100	RTFB investigation.	Lenkszus Emery	Stored beam and injection
1100-1500	Final bpm checkout.	Decker	Stored beam and injection
1500-1700	Final pinhole camera setup.	Yang	Stored beam and injection

1700-1900	Bunch purity setup.	Yang	Stored beam and injection
1900-2300	Digital camera commissioning.	Yang	Stored beam and injection
2300-2400	Loss monitor calibration.	Yang	Stored beam and injection
Tuesday, February 01, 2011			
0000-0300	Loss monitor calibration.	Yang	Stored beam and injection
0300-0630	Injection optimization automation.	Sajaev	Stored beam and injection
0630-0800	Prepare for user Operations (24 singlets – Top-Up)	Ops	Stored Beam & Injection