

Machine Studies

Schedule for Run01-9, 2012

March 26^h 0800 – March 28th 0800

Time	Descriptions	Studiers	SR Status
Monday, March 26, 2012			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0930-1000	RF waveguide switch	RF group	No Beam
0930-1030	Reboot Booster RF iocs	DiMonte	No Injection
1000-1100	Linac requalification	Christensen/Pa sky	Limited injection
1100-1200	boot iocbramp to test a pretrigger PV	Yao/Shang/Xu	No Booster beam
0930-1200	Move SR external monitoring to S11	Wang	No Beam
0930-1200	Investigate Par P2's Kicker fiber repeater module	Hillman	No Injection
1000-1130	Replace S24 linear encoders	Grimmer	Access Zone D
1200-1600	Tune PID loops for Vac Chamber water skids and PW-RF1	Swetin/Erwin	Stored beam
1200-1600	booster low emittance study	Yao	No injection
1600-1700	verify pinger/MPS trigger function. Requires stored beam and injection	Yao/Harkay	Stored beam & injection
1700-2000	Bunch length vs. bunch current; baseline prior to SCU0 installation. Single bunch (up to 16-20 mA), hybrid lattice	Harkay/Boon	Stored beam & injection
2000-2400	Beam tilt studies (24 singlets)	Sereno/Lill	Stored beam & injection
Tuesday, March 27, 2012			
0000-0400	Continue 4NLSS+RHB	Sajaev	Stored beam & inj.
0400-0800	Setup RHB lattice, injection efficiency	Sajaev	Stored beam & inj.

0800-1000	Set-up P0 feedback	Yao	Stored beam & inj.
1000-1200	collect FPGA BPM data. Low current, single bunch.	C. Wang/Yao	Stored beam & inj.
1200-1600	Orbit switch to 24 singlets RHB	Xiao	Stored beam & injection
1600-1900	Sextupole offset measurements	Xiao	Stored beam & inj.
1900-2300	29-ID XBPM measurements	Decker/Yang	Stored beam & inj.
2300-2400	Tune vs scraper position. Tune scan tests with updated script. Current <60 mA, 24 bunches or 324 bunches.	Harkay/Boon	Stored beam & inj
Wednesday, March 28, 2012			
0000-0230	Tune vs scraper position. Tune scan tests with updated script. Current <60 mA, 24 bunches or 324 bunches. (continued	Harkay/Boon	Stored beam & inj
0230-0630	4NLSS+SPX	Sajaev	Stored beam & inj.
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection