

Machine Studies

Schedule for Run01-5, 2010

March 1st 0800 – March 3rd 0800

Time	Descriptions	Studios	SR Status
Monday, March 01, 2010			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0900	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0900-0930	Waveguide switch to RF3/RF4	Horan	No Beam
0900-1000	investigate quad control issues (requires all quadupoles on)	Sajaev/Fors/Xu	No beam
0900-1100	Install waveguide blanking plate at waveguide flange TL27	Horan	No Beam
0900-1100	Test noise issues with BEK	Puttkammer	No Injection
0900-1100	Troubleshoot Booster Dipole notch filter	Feng	No Injection
0900-1100	Troubleshoot S:BM 6Gev I dropouts	Puttkammer	No Beam
1000-1100	Investigate SR Raw 4:5 T2 blown crowbar fuse	Puttkammer	No beam
1000-1100	Test PAR chromaticity measurement script (SR Freq. will be changed)	Yao/Shang	No SR beam
1100-1200	Storage-ring Training	Pasky/Schroeder	Stored beam & inj.
1200-1400	Setup hybrid lattice	Xiao	Stored beam & injection
1400-1800	Switch from 24 singlets to hybrid	Xiao	Stored beam & inj.
1800-2200	P0 feedback with 12x8mA	Yao	Stored beam & inj.
2200-2400	Continue small dynamic aperture study	Sajaev/Emery (remotely)	Stored beam & inj.
Tuesday, March 02, 2010			
0000-0200	Continue small dynamic aperture study	Sajaev/Emery	Stored beam &

		(remotely)	inj.
0200-0600	Continue testing 8LSS.	Sajaev	Stored beam & inj.
0600-1100	S4 Cherenkov detector studies	Yang	Stored beam & inj.
1100-1500	Continue fine tune of CPU AC mode	Xiao	Stored beam
1100-1500	High charge injector study (beam through the Booster)	Yao, Yang	Limited injection
1500-2300	1+3x7 fill for 32-ID -- Top-up (requires shutters open) (1 hour closed shutters sometime in the middle while fuel injectors are switched)	32-ID	Stored beam & injection
2300-2400	Test various new sextupole settings	Sajaev	Stored beam & inj.
Wednesday, March 03, 2010			
2400-0300	Test various new sextupole settings	Sajaev	Stored beam & inj.
0300-0630	Test single sextupole correction	Sajaev	Stored beam & inj.
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection