

Machine Studies

Schedule for Run01-10, 2007

April 2nd 0800 – April 4th 0800

Time	Descriptions	Studiers	SR Status
Monday, 4/2/07			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0830	Switch process water pump	Ferry	No beam
0810-0900	Test machine status link board	Pietryla	No Beam
0810-0930	Reboot iocruncontrol and RTFB iocs	Lenkszus	No beam
0810-1000	Troubleshoot RF2 power monitor fault indication errors	Horan / DiMonte	No beam
0810-1000	Studies of Linac klystron efficiency	Cours	No injection
0810-1000	Testing of AFG100 Driver Patch for Booster Dipole	Fors	No Injection
1015-1115	Measurements for L6 waveguide extension	Grelick	ITS Access – no impact
1015-1100	Thermal imaging review of SR	Fors	Zone F Access
1015-1115	Measurements for L6 waveguide extension	Grelick	Linac Access
1100-1200	Thermal imaging review of Booster	Fors	Booster Access
1200-1230	Switch to RF3 providing	Cours	No beam
1230-1300	Recovery of machines from accesses	OPS	No beam
1300-1900	Setting up hybrid fill	Emery	Stored beam & injection
1900-2100	Bpm database for hybrid fill (start with 24 singlets)	Singh	Stored beam & injection
2100-2400	Determine topup effects on P0 bpms (24 singlets or hybrid)	Singh	Stored beam & injection
Tuesday, 4/3/07			
0000-0400	PC gun studies	Pasky, Sereno	No beam available

0500-0600	Steering S34 to verify VM:34:2IP6ID2 reading	Schroeder	Stored beam & injection
0600-1200	19-ID hard xbpm studies (shutter permit needed)	Decker/ Rosenbaum	Stored beam & Injection
1200-1800	Set up hybrid fill	Emery	Stored beam & injection
1200-1600	Single bunch current scan for impedance characterization (bunch length, energy spread, tune)	Emery, Chae	Stored beam & injection
1600-2000	Accumulation limit and Microwave instability	Chae, Yao	Stored beam & injection
2000-2300	Charaterize 2 corr vs 1 corr RTFB configuration (24 singlets or hybrid)	Singh	Stored beam & injection
2300-2400	study s37 vacuum, s37 scraper, and vertical beam instability correlations	Harkay	Stored beam & injection
Wednesday, 4/4/07			
0000-0300	study s37 vacuum, s37 scraper, and vertical beam instability correlations	Harkay	Stored beam & injection
0300-0630	bpm mapping study	Decker	Stored beam & injection
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection