

Machine Studies

Schedule for Run01-8, 2006

March 21st 0800 - March 22nd 0800

Time	Descriptions	Studiers	SRStatus
Tuesday, 3/21/06			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1000	Install ID tags on various valves in bakeout system piping in Utility Aisle of SR.	Dortwegt	No beam
0810-1000	Begin upgrade Booster/SR septa	PS Group	No beam
0810-0915	Refresh SF6 in Zones B&C (L1, L2, & L3 shut down)	Hoyt	No injection
0810-0820	Archive Kicker Waveforms	OPS	No beam
0810-1000	Parallel-klystron EPICS control development work (RF systems on)	RF Group	No beam
0810-1000	SR BPM work	Erwin	No beam
0810-0900	install new hardware and databases for PSS 24-BM	M. Smith	No beam
0900-1000	check the linear encoders on the ID in sector 26ds (will move gap)	M. Smith	No beam
0915-1000	Test PEMtool for RFGun kicker.	Pasky/Shang	No injection
1000-1200	SR training (0700-1500)	S. Flood	Stored Beam & Inj.
1200-1400	Par RF12 cavity tuner and RF1 LIST phase scan	Yao	No Injection
1200-1400	Shielding verification of 14-ID-A station. (50 mA)	Ramanathan	Stored Beam
1200-1400	Booster BPM work (includes IOC reboots)	Erwin	No injection
1400-1800	booster orbit correction studies	Sereno	Occ. Inj. available
1400-1600	investigate P1 AC beam motion measurement in Sector 23,24;29,30	Singh/ Lenkszus/	Stored beam

Time	Descriptions	Studiers	SRStatus
1400-1430	Upgrade bunch cleaning function generator software (Bunch cleaning unavailable)	Yao/Norum	No impact
1600-1800	RTFB Studies	Singh/Decker	Stored Beam
1800-2100	ID Xbpm scans (324 singlets)	Decker	Stored Beam & Occ. Inj.
1800-2000	Booster Training (1500-2300)	Poncin	Limited Inj.
2100-2400	Continue studying the 324s multibunch instability. S35 diagnostics support required (BM)	Harkay, Guo, Yang	Stored Beam & Inj.
Wednesday, 3/22/06			
0000-0200	Booster/SR injection	Emery/Sereno	Stored beam & Inj.
0200-0400	Determine ID perturbation	Emery	Stored beam
0400-0600	Bpm studies	Erwin	Stored beam
0500-0600	Reboot IOCinjtime (OPS to follow IRMIS reboot instructions)	Lenkszus/OPS	No injection
0600-0700	Bunch Current Monitor studies (single bunch injection)	Lenkszus/Varotto	Stored Beam & Inj.
0700-0800	Prepare for User beam (1+24*1 Top-Up)	OPS	Stored Beam & Injection