

Machine Studies

Schedule for Run01-5, 2012

February 27^h 0800 – February 29th 0800

Time	Descriptions	Studiers	SR Status
Monday, February 27, 2012			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0915	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0930-1000	Reboot interleaving DSPs	PS group	No Injection
0930-1030	RF waveguide swtich	RF group	No Beam
0930-1130	Replace PLC analog input cards RF1/2	RF group	No Beam
0930-1230	Move external monitoring equipment	Wang	No Beam
0930-1230	Troubleshoot S32A:Q5	Fors	No Beam
0930-1100	Repair Gespac remote reset problems	Puttkammer	No Beam
1030-1230	Linac studies	Pasky	Injection available
0930-1330	Troubleshoot PAR RF12 amp #1	RF group	Limited Injection
1000-1100	Re-position BNL bellows	Hoyt, Survey	Access Zone D
0930-1000	Remove dosimeters	Vacca	Access Zone A
1100-1330	Troubleshoot S24 Gespac errors	Puttkammer	No Beam
1200-1300	Investigate noise on the S32 Cherenkov detector. possible power cycle iocs31bpm to replace the vme card.	Brill	No beam
1330-1430	test PAR harmonic tube#1 with beam after RF group study	Yao/Harkay	Limited injection
1430-1530	add an on/off switch to NASA/VSA drive and test tune app - parasitic	Yao/Shang	No impact
1530-1730	Setup P0 feedback for hybrids fill	Yao/Sajaev	Stored beam & inj.
1730-2130	Orbit switch	Xiao	Stored beam & inj.
2130-2400	P3/P4 offset measurements	Xiao	Stored beam &

			inj.
	Tuesday, February 28, 2012		
0000-0100	P3/P4 offset measurements (continued)	Xiao	Stored beam & inj.
0100-0500	ID4 radiation monitor studies	Sereno	Stored beam & inj.
0500-0700	RF tilt experiment using pinger	Sereno/Lill	Stored beam & inj.
0700-1000	Finish remaining sectors -- PID loop tuning.	Putnam/Erwin /Pasky	Stored beam & inj.
1000-1200	test multi-bunch accumulation limit	Yao	Stored beam & inj.
1200-1600	Investigate longitudinal instability at low Vrf in 24s, and stabilize if possible, with cavity detuning. (S40/RF1 water temp changed @ beginning of studies)	Harkay	Stored beam & inj.
1600-2000	Tune slope in 24, 324, and hybrid modes, 0-100 mA, using S40 or S39 scraper	Harkay/Boon	Stored beam & inj.
2000-2400	29ID studies, 102 mA top-up, 24 bunches	Decker/Yang	Stored beam & inj.
	Wednesday, February 29, 2012		
0000-0200	Investigate hybrid bunch accumulation limit	Sajaev	Stored beam & inj.
0200-0630	Complete 4NLSS+RHB setup	Sajaev	Stored beam & inj.
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection