

Machine Studies

Schedule for Run01-3, 2008

February 11th 0800 - February 13th 0800

Time	Descriptions	Studiers	SR Status
Monday, 2/11/08			
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	Switch water pumps	Ferry	No Beam
0900-1000	Install fanout module S3BPM	Laird	No Beam
0900-1030	Swap Libera processor in iocs38bpm	Lenkszus	No Beam
0900-1100	Replace DG535 timing delay generators	Grelick	No Injection
0900-1100	Investigation of SD power slope	Puttkammer	No injection
0900-1200	NRTL on Booster Corrector Power Supplies	Puttkammer	No injection
0900-1100	Test conditioning validity bit	Sajaev	Reboot VP iocs
0900-1100	Install Cherenkov detectors (requires power cycle of BPM IOCs)	Yang, Brill	No Beam / BPM power cycle
0900-1300	cathode emission check on the RF5 klystron	Horan	No Beam (limited injection after 1200)
0900-0930	Prepare for Access	OPS/FMS	No beam
0930-1030	Replace linear encoder for 12-ID	Grimmer	Zone B Access
1000-1200	Tune measurement system work	Yao	No Beam
1030-1200	Investigate why primary bunch current monitor Linux box doesn't install needed ADC driver	Lenkszus	No beam
1030-1130	Recover from Access	OPS	No beam
1100-1300	Troubleshoot PAR RF system 2	Grelick	Limited injection
1200-1600	Investigate lifetime problems (324 singlets using the 24 singlet lattice) -- #1	Xiao	Stored beam & occ. injection
1400-1600	Investigate Par Double Bunching	Yao	Occasional

			injection
1600-2000	Rad Monitor Studies	Yang, Harkay	Stored beam & Injection
2000-2200	Linac/PAR training (1500-2300)	Fystro	Limited injection
2200-2400	Set up S8-S32 RHB lattice	Sajaev	Stored beam & Inj.
Tuesday, 2/12/08			
2300-0200	Set up S8-S32 RHB lattice	Sajaev	Stored beam & Inj.
0200-0600	Set-up Reference Lattice	Sajaev, Emery	Stored beam & injection
0600-0700	Check RTFB external trigger	Emery, Lenkszus	No beam
0700-1000	CPU Compensation	Emery, Xaio	Stored Beam
0700-1000	Measure PAR lattice, tunes, dispersion	Sereno	Limited injection
1000-1200	Beam optimization for 30-ID (shutter permit needed)	Schroeder/30-ID	Stored beam & injection
1000-1300	Measurement of Cherenkov Detector Output (Top-up needed but can be parasitic)	Yang, Brill	Stored beam & injection
1200-1300	Run Top-up w/o RTFB to verify BPLD limit difference alarms	Schroedr/OPS	Stored beam & injection
1300-1700	Investigate lifetime problems (324 singlets using the 24 singlet lattice) -- #2	Xaio	Stored beam & occ. injection
1700-2000	Test FPGA SR Tune Measurement System (Tuesday or later)	Yao, Norum	Little or no impact
1800-2000	Linac/PAR training (1500-2300)	Fystro	Limited injection
2000-2400	Continue hybrid with lower S1 sextupoles	Sajaev	Stored beam & injection
Wednesday, 2/13/08			
0000-0330	realtime feedback studies	Decker/Sun	Stored Beam & Injection
0330-0700	XBPM data collection 24 bunches top-up	Decker	Stored Beam & Injection
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection