

Machine Studies

Draft Schedule for Run01-3, 2010

February 16th 0800 - February 17th 0800

Time	Descriptions	Studiers	SR Status
Tuesday, February 16, 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	Reboot iocruncontrol	Xu	No Beam
0900-1100	B:BM resonant filter study	Feng	Limited Injection (continuous injection during TLD exposure)
0900-1200	CPU software debugging	Deriy, Smith M.	No Beam
0900-1300	Linac/PAR only 09:00-11:00, Linac/PAR/Booster 11:00/13:00	Pasky	Limited Injection (continuous injection during TLD exposure)
0930-1000	PSS end to end tests at 7ID & 14BM	Boron	No Beam
0930-1000	Insert TLDs at SR:IS1	Dooling	Access Zone F
0930-1100	Investigate suspected problem with S36 PLC Interlock system	Horan	No beam
1015-1030	Expose TLDs at SR:IS1	Dooling	Beam only up to SR:IS1 (Zone F PS and RF remain locked out)
1030-1100	Retrieve TLDs from SR:IS1	Dooling	Access Zone F
1200-1300	Test/collect FPGA bpm data	Wang/Shang	Stored beam
1300-1400	Storage ring training	Pasky/Schroeder	Stored beam & injection
1400-1600	Injection into small dynamic aperature	Emery	Stored beam & injection

1600-2200	Fine tune of CPU AC mode - Vertical orbit and coupling	Xiao	Stored beam
1700-2100	PAR High Current Studies	Yao, Harkay Chae	Occasional Inj. available
2100-2400	Measure beam emittance and rms motion with P0 feedback loops closed & feedback study with negative chromaticity	Chae, Yao	Stored beam & inj.
Wednesday, February 17, 2010			
0000-0300	Measure beam emittance and rms motion with P0 feedback loops closed & feedback study with negative chromaticity	Chae, Yao	Stored beam & inj.
0300-0700	BPM Studies (Top-up desired)	Decker, Xu	Stored beam & injection
0300-0700	Cherenkov detector studies (compatible with above study)	Yang	Stored beam
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection