Machine Studies
Draft Schedule for Run01-9, 2014

March 24th 0800 – March 26th 0800

Time	Descriptions	Studiers	SR Status
	Monday, March 24, 2014		
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0930	Gap Scans and update IDGapFF look-up tables	Schroeder	Stored Beam & Injection
0930-1000	Waveguide switch from RF2 to RF3	RF Group	No Beam
0930-1000	Measure the timing on a scope of the MPS and IK5 pinger triggers. The pinger will remain off and locked out	Harkay, Dooling	No beam
0930-1030	Check wavetek timing generator card at PAR RF12	RF Group	Limited Injection
0930-1130	Swap old quadrupole PS	Puttkammer	No Beam
0930-1130	Scope +5V supplies in Zone C	Puttkammer	No Beam
0930-1130	Test PAR RF12 tuner amplifier	RF Group	Limited Injection
0930-1330	L4 RF timing measurements	RF Group	Limited Injection
1000-1100	Test S1BPM upgrade without beam	S. Xu	No beam
1000-1100	Check thermocouple locations at S35 DCCT bellows	Erwin/Hoyt	Access Zone F
1100-1300	Checkout of RF-3	RF Group	No Beam
1100-1300	Investigate Bitbus errors or timeouts occurring in Sector 36 & 37 (can start earlier if power to raws/converters not needed)	Puttkammer	No Beam
1300-1330	Recover and store 324 singlets	OPS	Stored beam & injection
1330-1400	Take tunes and orbit response measurement	Schroeder	Stored beam

1330-1500	Linac training (07-15)	Frausto	Limited Injection
1500-1700	Booster training (15-23)	Angel	Limited Injection
1500-1700	Measure x and x' closed bump with stored beam	Emery	Stored beam
1700-2100	injection while in coupling resonance	Emery	Stored beam & inj.
2100-2400	RHB Lattice Set-up	Xiao	Stored beam & inj.
Tuesday, March 25, 2014			
0000-0100	RHB Lattice Set-up (continued	Xiao	Stored beam & inj.
0100-0500	Orbit Switch	Xiao	Stored beam & inj.
0500-0700	SR training (23-07)	Obasohan	Stored Beam & Injection
0700-1000	X-ray BPM alignment with beam	Hahne	Stored Beam & injection
1000-1200	Datapool ioc epics upgrade studies	S. Xu, Schroeder	Stored Beam
1000-1200	Test new SR tune measurement	Yao	Stored Beam
1000-1200	Linac training (07-15)	Frausto	Limited Injection
1200-1600	revisit injection limit as a function of vertical oscillation (pinger may be needed)	Emery	Stored beam & injection
1600-2000	datapool stability characterization with Gain or time interval.	Emery	Stored beam & injection
2000-2200	SR training (15-23)	Angel	Stored Beam & Inj.
2200-2400	beam lifetime measurement	Xiao	Stored Beam & injection
Wednesday, March 26, 2014			

0000-0400	beam lifetime measurement	Xiao	Stored Beam & injection
0400-0600	SR training (23-07)	Obasohan	Stored Beam & Injection
0630-0800	Prepare for User beam	OPS	Stored Beam & Injection