

# Machine Studies

## Draft Schedule for Run01-5, 2008

February 26th 0800 - February 27th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, 2/26/08</b>			
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 iocsrtune	Stevens	No Top up
0900-930	Upgrade PAR bunch cleaning drive box	Yao	No Injection
0900-1000	Multipactor studies (except L5)	Cours	No Injection
0900-1000	L5 water skid repairs	Wright	No Injection
0900-1100	Verify communication cables in SR	PS group	No beam
0900-1100	Swap out Maxwell PS for SR:IK1 & B:IK	Puttkammer	No Beam
0900-1200	Install cherenkov detectors	Yang	No Beam
0930-1030	Replace linear encoder at 21ID	Merritt	Access Zone C
0930-1030	Verify ventilation	Jones, CF	Access Booster
0930-1130	Inspect/repair B4C9FL2	Gold	Access Booster
0930-1130	Inspect/repair B:IK	Hillman	Access Booster
1100-1300	Check RF cavity tuning /check shielding	RF group	No Beam 1100-1200. Beam (but possible beam loss) 1200-1300
1200-1300	Check effect of removing bunch cleaning box on bunch purity	Yao	Stored beam
1300-1400	Switch to Booster 132 nm lattice and check injection efficiency	Sereno	Stored beam & injection
1400-1500	Switch PAR harmonic RF tube #2 and tune up beam to run for study period	Yao	Stored beam & occ. Inj.
1500-1700	P0 feedback front-end checkout	Yao	Stored beam & occasional Inj.

<b>1500-1700</b>	<b>PEM testing</b>	<b>Decker/Shang</b>	<b>Stored beam &amp; Occ. Inj.</b>
<b>1700-2100</b>	<b>Orbit Recovery (24 bunch top-up, then 324 occ. Inj.)</b>	<b>Decker/Sajaev/Emery</b>	<b>Stored beam &amp; Injection</b>
<b>2100-2400</b>	<b>Continue RHB Setup</b>	<b>Sajaev</b>	<b>Stored beam &amp; inj.</b>
<b>Wednesday, 2/27/08</b>			
<b>0000-0100</b>	<b>Continue RHB Setup</b>	<b>Sajaev</b>	<b>Stored beam &amp; inj.</b>
<b>0100-0400</b>	<b>CPU corrections AC&amp;DC mode</b>	<b>Emery/Xiao</b>	<b>Stored beam</b>
<b>0400-0600</b>	<b>Correlation of SR beam loss monitor signals with bunch injection efficiency</b>	<b>Emery/Dooling</b>	<b>Stored beam &amp; inj.</b>
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>