

# Machine Studies

## Draft Schedule for Run01-4, 2007

February 19th 0800 - February 21st 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, 2/19/07</b>			
<b>0800-0810</b>	<b>Collect XBPM orbit data</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>
<b>0810-0900</b>	<b>Switch from RF2/RF4 to RF3/RF4</b>	<b>Cours</b>	<b>No Beam</b>
<b>0810-1000</b>	<b>Repair faulty analog read backs</b>	<b>Puttkammer</b>	<b>No Beam</b>
<b>0810-1200</b>	<b>Match electrical length of amplifiers</b>	<b>Yao</b>	<b>No Impact to studies</b>
<b>0830-0930</b>	<b>Replace failed strobe</b>	<b>Forrestal</b>	<b>Access Linac/PAR</b>
<b>0830-0930</b>	<b>Map waveguide run</b>	<b>Grelick</b>	<b>Access Linac/PAR</b>
<b>0830-0930</b>	<b>Measure limit switches for covers</b>	<b>Theres</b>	<b>Access Linac/PAR</b>
<b>1000-1100</b>	<b>Test PAR septum changes</b>	<b>Hillman, Varotto</b>	<b>Limited Injection</b>
<b>0930-1000</b>	<b>Recover Linac/PAR</b>	<b>OPS</b>	<b>Limited injection</b>
<b>1000-1200</b>	<b>ID32 shielding verification.</b>	<b>Salazar</b>	<b>Stored Beam &amp; Injection</b>
<b>1000-1015</b>	<b>Test power cycling of the linux server.</b>	<b>Varotto</b>	<b>Bunch current monitor unavalable</b>
<b>1200</b>	<b>Inject 102 mA.</b>	<b>OPS</b>	
<b>1200-1600</b>	<b>Linac study with PC gun.</b>	<b>Pasky</b>	<b>No injection</b>
<b>1200-1400</b>	<b>Test switch between SR orbit controllaw. Parallel to linac study.</b>	<b>Shang</b>	<b>Stored beam</b>
<b>1200-1300</b>	<b>SR pulsed supplies PEM testing. Parallel to linac study.</b>	<b>Soliday</b>	<b>Stored beam</b>
<b>1300-1500</b>	<b>Investigate P3BMT1 &amp; L5:QM4. Parallel to linac study.</b>	<b>Hillman</b>	<b>No injection</b>

1600-1700	Setup and vrfiy bunch cleaning system.	Gold Yao	Stored Beam & Injection
1700-2000	Test P0 feedback drive.	Gold Yao	Stored Beam & Injection
2000-2400	CPU correction.	Emery	Stored Beam & Injection
Tuesday, 2/20/07			
0000-0400	Characterize AC noise at P0/P1 bpms.	Singh Sun	Stored Beam & Injection
0400-0700	Switch to K1 and K2 down modes.	Sereno	No injection
0700-1300	Xbpm alignment.	Decker Hahne	Stored Beam & Injection
0900-1100	Work on BTS bpms. Parallel to xbpm alignment.	Erwin	No effect on anything
1100-1300	Work on PTB:V3 bpm. Parallel to xbpm alignment.	Erwin	No effect on anything
1300-1500	Troubleshoot S32A:P3 bpm.	Erwin	Stored Beam & Injection
1500-1900	FF feedforward.	Emery	Stored Beam & Injection
1500-1700	Test PAR bpms. Parallel to FF feedforward.	Erwin	Injection possible
1900-2300	Continue setting up reference lattice.	Emery Sajaev	Stored Beam & Injection
2300-2400	Continue "All ID RHB" lattice.	Sajaev	Stored Beam & Injection
Wednesday, 2/21/07			
0000-0300	Continue "All ID RHB" lattice (continued).	Sajaev	Stored Beam & Injection
0300-0700	Setup S8 RHB hybrid lattice.	Sajaev	Stored Beam & Injection
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection