

# Machine Studies

## Schedule for Run02-11, 2007

August 7th 0800 - August 8th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, 8/7/07</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0830	Reboot iocbdg1	Stevens	No Injection
0810-0930	Install VME Bus analyzer in iocbbpm2	Lenkszus	No Injection
0810-1000	Condition Booster RF Cavities with higher gap voltage	Horan	No injection
0810-1000	Replace failed starter in Bldg. 450 MCC (degassifier off-line – Process water temp & pressure	Kailus	No beam
0810-1000	Check/Repair L2 RF Modulator pre-pulser	Grelick	No injection
0810-1000	Test FPGA-based 352MHz phase detector	Horan	No Beam
0810-1000	Test recent CPU failures	Deriy	No Beam
0930-1000	Reinstall FSIC03 in iocsbpmdp	Lenkszus	No Beam
1000-1200	Evaluate MXA spectrum analyzer for SR tune measurement	Yao/Gold	Stored beam & Occ. inj.
1200-1400	Test SR loss monitor data acquisition experiment designer setup	Yao	Stored beam & inj.
1400-1600	Adjust booster (and BTS) energy for loss-less injection into the ID32 RHB lattice – May need extra rf voltage for booster	Emery/Xiao/ Others	Stored beam & inj.
1600-1800	Calibrate kicker strength with BPM histories	Sajaev/Emery	Stored beam & inj.
1800-2100	Check the functioning of the SR beta function measurement using quad scans	Emery	Stored beam & inj.
2100-2400	LCLS BPM studies	Pasky/Erwin/ Serenio/Lill	No injection

<b>Wednesday, 8/8/07</b>			
<b>0000-0200</b>	<b>LCLS BPM studies</b>	<b>Pasky/Erwin/ Sereno/Lill</b>	<b>No injection</b>
<b>0200-0700</b>	<b>19ID studies, low current, PS2 shutter open</b>	<b>Decker/Rosenbaum</b>	<b>Stored Beam &amp; injection</b>
<b>0700-0800</b>	<b>Prepare for User beam (0+24*1 RHB – Top-up)</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>