

# Machine Studies

## Schedule for Run02-4, 2007

June 18th 0800 - June 20th 0800

Time	Descriptions	Studiers	SR Status
<b>Monday, 6/18/07</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-1600	LCLS studies	Lill, Pasky, Sereno, Erwin	No Injection
0810-1000	Investigate S40 Cav2 Tuner RF Fingers DS Thermocouple readbacks	RF Group	No impact
0900-1200	Investigate S6A:P1, S7B:P1 (parasitic)	Sun, Singh	Stored Beam
1300-1500	Replace/repair S37 RF Cavities Blower	Morrison	Access Zone F
1300-1400	Investigate S40 Cav2 Tuner RF Fingers DS Thermocouple in tunnel	RF Group	Access Zone F
1600-2000	Set-up hybrid	Emery, Sajaev	Stored beam & Inj.
2000-2400	Test deflecting cavity lattice	Emery, Sajaev	Stored beam & Inj.
<b>Tuesday, 6/19/07</b>			
0000-0300	Coherent damping studies	Emery, Harkay	Stored beam & inj.
0300-0500	Test S35 pinger module (single bunch)	Harkay, Lenkszus	Stored beam & inj.
0500-0700	RMS calculation test	Singh, Lenkszus, Shang	Stored beam & inj.
0700-0900	Investigate S6A:P1, S7B:P1 (parasitic)	Sun, Singh	Stored beam
0700-1100	LCLS studies	Lill, Pasky, Sereno, Erwin	No Injection
0900-1100	Operational test of process water pump switchover, high pressure safety switch and frequency drive (S3&4 P.S. off)	Ferry	No beam
0900-1100	Investigate S:IK1 setpoint problems	Fors	No Beam

<b>0900-1000</b>	<b>Switch from RF-3 to RF-2</b>	<b>Horan</b>	<b>No Beam</b>
<b>0900-1100</b>	<b>Troubleshoot B3C1V</b>	<b>Deriy</b>	<b>No Injection</b>
<b>0900-1100</b>	<b>CMPSI fiber output testing</b>	<b>Pietryla</b>	<b>No Beam</b>
<b>1100-1200</b>	<b>Reboot ioclid6</b>	<b>Varotto</b>	<b>Limited injection</b>
<b>1000-1100</b>	<b>Replace S6A:P1 Bergoz module</b>	<b>Sun</b>	<b>No Beam</b>
<b>1000-1100</b>	<b>Reboot ctlapps3l</b>	<b>Smith,Sheehan</b>	<b>Stored beam &amp; Injection</b>
<b>1000-1100</b>	<b>Test flag/MPS script</b>	<b>Stevens</b>	<b>No Beam</b>
<b>1100-1200</b>	<b>BPLD validations (5-ID, 7-ID)</b>	<b>Bui</b>	<b>Stored beam &amp; inj.</b>
<b>1200-1300</b>	<b>Investigate L2 phase changes</b>	<b>Grelick</b>	<b>Occ. Inj.</b>
<b>1200-1300</b>	<b>Shielding verification 14-ID-B (50 mA)</b>	<b>Chaffee</b>	<b>Stored beam</b>
<b>1200-1300</b>	<b>Shielding verification 11-ID (will need steering)</b>	<b>Chaffee</b>	<b>Stored beam</b>
<b>1300-1600</b>	<b>BPM database for hybrid fill (Top-up)</b>	<b>Singh</b>	<b>Stored beam &amp; Top-up</b>
<b>1600-2000</b>	<b>Tune scan</b>	<b>Sajaev, Emery</b>	<b>Stored beam &amp; inj.</b>
<b>2000-2400</b>	<b>Current scan for RHB lattice</b>	<b>Sajaev</b>	<b>Stored beam &amp; inj.</b>
<b>Wednesday, 6/20/07</b>			
<b>0000-0630</b>	<b>OPEN</b>		
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>