Machine Studies
Schedule for Run02-7, 2009

July 14th 0800 – July 15th 0800

Time	Descriptions	Studiers	SR Status
	Tuesday, July 14, 2009		
0800-0810	**Collect XBPM orbit data**	**OPS**	**Stored Beam & Injection**
0810-0900	**Gap Scans and update IDGapFF look-up tables**	**Schroeder**	**Stored Beam & Injection**
0900-1100	**Map Linac vacuum levels**	**Pasky**	**Limited Injection**
0930-1000	**check fastener tightness on the RF4 and RF5 13.2kV fused-disconnect switch door latches**	**RF Group**	**No beam**
0900-1100	**Troubleshoot S36 rack power supply**	**Pietryla**	**No Beam**
0930-1030	**8BM PSS end to end test**	**Boron**	**No Beam**
1030-1100	**Patch the attenuator for the bunch current monitor to optimize input signal level**	**Lenkszus/ Gold**	**No impact**
1100-1300	**SR Requalification**	**Labuda/ Schroeder**	**Stored beam & injection**
1100-1300	**Test S35 stripline and amplifiers. (parasitic to SR Requal)**	**Yao/Gold**	**No impact**
1300-1500	**Injector training (09-15)**	**Thomas**	**Limited injection**
1300-1500	**test chromaticity measurement script.**	**Yao/Shang/ Xiao**	**Stored beam & Occ. Injection**
1500-1700	**Measurements with Lee Teng's students**	**Harkay, et all**	**Stored beam & Occ. Injection**
1700-1900	**Investigation of S35 DCCT Abnormal Imax Signal**	**Chae/Keane/ Yao**	**Stored beam**
1730-1930	**PAR bunch length measurment. PAR beam with varied charge. Can provide**	**Yao, Harkay**	**PAR beam**

	injection.		
1930-2230	**Bunch-by-bunch tune measurement**	**Harkay**	**Stored beam & inj.**
2230-2400	**Optimize injection for new hybrid sextupoles**	**Sajaev**	**Stored beam & inj.**
	Wednesday, July 15, 2009		
0000-0230	**Optimize injection for new hybrid sextupoles (continued)**	**Sajaev**	**Stored beam & inj.**
0230-0430	**Investigate beam loss during magnet ramp from 24 singlets lattice to hybrid**	**Sajaev**	**Stored beam & inj.**
0430-0630	**Turn-by-turn measurements using S38 FPGA bpms**	**Sajaev**	**Stored beam & inj.**
0630-0700	**OPEN**		
0700-0800	**Prepare for user Operations**	**Ops**	**Stored Beam & Injection**