

# Machine Studies

## Schedule for Run03-2, 2008

October 7th 0800 - October 8th 0800

Time	Descriptions	Studiers	SR Status
<b>Tuesday, 10/7/08</b>			
0800-0810	Collect XBPM orbit data	OPS	Stored Beam & Injection
0810-0900	Gap Scans and update IDGapFF look-up tables	Schroeder/OPS	Stored Beam & Injection
0900-1700	Terminate Video MUX cabling	Grelick	No Impact
0900-0930	Reboot interleaving DSPs	Fors	No Injection
0930-1030	Open bus ties on X7, X8 and X9 switchgear.	Kailus	
0930-1000	Check PAR dipole supply	Puttkammer	No injection
0930-1030	Troubleshoot S37cav 2 downstream IR thermometer	Horan	Access Zone F
0930-1030	Implement changes to S:IS1 PVs	Xu	No Beam
0930-1030	Replace CPU at IOCRFTIME1	Di Monte	No Injection
0930-1130	Booster ripple studies	Feng, Yao	No Injection
1030-1200	Update SCRs for Linac mode changes	Pasky	Limited injection
1030-1100	Recover SR systems	Ops	
1130-1200	Recover Booster systems (store 24 singlets -- 102 mA before training begins)	Ops	Stored Beam & Injection
1200-1400	Booster Training	Fystro	Limited injection
1230-1400	Generate horizontal bumps through RF sector arc to determine reaction at IR detectors and other rf readbacks	Harkay, (Emery or other)	Limited injection
1400-1700	X-ray BPM studies	Decker/Hahne	Stored beam & Top-up
1700-2100	Continue corrector punching down experiment and P0 feedback study	Yao	Stored beam & Injection
2100-2400	CPU AC Mode Correct	Emery, Xiao	Limited Injection
2100-2300	Booster Training	Karl	Limited Injection

<b>Wednesday, 10/8/08</b>			
<b>0000-0300</b>	<b>Determine cause of injection limits at 100mA for 24 singlets</b>	<b>Emery, Sajaev</b>	<b>Stored beam &amp; injection</b>
<b>0300-0700</b>	<b>Tune SR injectors for 300MeV &amp; run top-up for 1 hours</b>	<b>Sereno, Emery</b>	<b>Stored beam &amp; injection</b>
<b>0700-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>