Machine Studies
Draft Schedule for Run03-4, 2016

October 24th 0800 – October 25th 0800

Time	Descriptions	Studiers	SR Status
	Monday, October 24, 2016		
0800-0810	**Collect XBPM orbit data**	**OPS**	**Stored Beam & Injection**
0810-1000	**Gap Scans and update IDGapFF look-up tables**	**Schroeder**	**Stored Beam & Injection**
1000-1100	**Inspect VME modules in iocmtime (iocmtime will be powered off)**	**Arnold**	**No Beam/ No Injection**
1000-1100	**Waveguide switch to RF-1**	**RF Group**	**No Beam**
1000-1100	**re programming the LNDS main PLCs**	**M. Smith**	**No Beam**
1000-1200	**Fix by some work around the SCU6 feedforward/setpoint values transitioning from datapool vector mode to scalar mode**	**Emery**	**No Beam**
1000-1100	**Troubleshoot iocs27abpm event trigger**	**Bui**	**No Beam**
1000-1100	**Update PLC program for RFG water station**	**Wright**	**No Injection**
1000-1200	**Test L4 SSA interface**	**Ma**	**Limited Injection**
1000-1200	**Investigate problem at S40B:V4**	**Wang**	**No Beam**
1000-1200	**Swap and test fast correctors at S27**	**Wang**	**No Beam**

1000-1200	Swap sextupole converters Zone F/E	Vargas	No Beam
1015-1030	Reboot MPS ioc	Smith	No Beam
1200-1500	booster radiation survey for loss scenarios 1-3 -- Store 24 singlets before study starts	Yao, Vacca	No injection
1200-1230	realign 11 BM and put in back into datapool	Hahne/Sereno	Stored beam
1230-1430	FPGA bpm timing adjustment and put more bpms into vertical datapool	Sereno	Stored beam
1500-1530	Waveguide switch to RF-4	RF Group	No Beam
1530-1900	Integrated beam stability studies	Sereno, et all	Stored beam & injection
1900-2200	GRID Xbpm studies	Yang, Sereno	Stored Beam & injection
2200-2400	Measure SCU6 perturbations with beam using SR correctors	Emery	Stored Beam & injection
Tuesday, October 25, 2016			
0000-0400	Adjust timing/amplitude of kickers	Emery	Stored Beam & injection
0400-0500	Measure fields when SCU6 is quenched with heater	Emery	Stored Beam & injection
0500-0700	Finish some details of ID6 aperture scan	Emery	Stored Beam & injection
0700-0800	Prepare for User beam	OPS	Stored Beam & Injection