

# Machine Studies

## Draft Schedule for Run03-4, 2010

October 26th 0800 - October 27th 0800

Time	Descriptions	Studiers	SR Status
	Monday, October 25, 2010		
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
0900-0930	Remove phase shifter board from RF1	RF group	Stored Beam
0900-1100	Measure B:BM output voltage	Feng	No Injection
0900-1200	Troubleshoot PAR RF-1	RF group	Limited Injection
0900-1200	Replace leaking RF5 mod-anode oil pump	RF group	No Injection
0930-1130	Investigate inconsistent S12C:BM:PS voltage and current readbacks	Fors	No Beam
0930-1000	Waveguide switch to RF3	RF group	No Beam
0930-1130	Fix iocmps Event Receiver problem	Laird	No Beam
1000-1100	Switch rebuilt pumps P-505, P-525, P-531 to lead pump operation. (all affected P.S. set to 0 - WR#. 28008)	Bracken	No beam

<b>1200-1400</b>	<b>Linac training (09-15)</b>	<b>Schewe</b>	<b>Limited Injection</b>
<b>1200-1400</b>	<b>Test Restore normal chromaticity PEM and 12-ID Canted undulator steering</b>	<b>Schroeder</b>	<b>Stored beam</b>
<b>1400-1600</b>	<b>investigate the monopulse bsp-100 absence of MPS dump trigger</b>	<b>Decker/Bui</b>	<b>Stored beam &amp; inj.</b>
<b>1600-1800</b>	<b>Investigate reboot issues with RF IOCs</b>	<b>DiMonte</b>	<b>Stored beam &amp; inj.</b>
<b>1800-2100</b>	<b>test smooth ramp for booster magnet supplies</b>	<b>Yao</b>	<b>Limited injection</b>
<b>2100-2400</b>	<b>Set-up hybrid</b>	<b>Sajaev, Xiao</b>	<b>Stored beam &amp; inj.</b>
<b>Tuesday, October 26, 2010</b>			
<b>0000-0400</b>	<b>Switch orbit</b>	<b>Xiao</b>	<b>Stored beam &amp; inj.</b>
<b>0400-0700</b>	<b>OPEN</b>		
<b>0700-0900</b>	<b>Linac training (07-15)</b>	<b>Schewe</b>	<b>Limited Injection</b>
<b>0900-0930</b>	<b>Prepare for Linac Access</b>	<b>OPS</b>	<b>No injection</b>
<b>0930-1130</b>	<b>Remove RG1 cradle</b>	<b>Gagliano, Hoyt, Pasky</b>	<b>Linac Access</b>
<b>1130-1200</b>	<b>Recover from Linac Access</b>	<b>OPS</b>	<b>No injection</b>

<b>1200-1400</b>	<b>Set up P0 feedback and test tune measurement for hybrid pattern</b>	<b>Yao</b>	<b>Stored beam &amp; inj.</b>
<b>1400-1800</b>	<b>Study APS-U lattice</b>	<b>Sajaev/Xiao</b>	<b>Stored beam &amp; inj.</b>
<b>1800-2200</b>	<b>study the correlation between beam steering and scraper temperature</b>	<b>Harkay/ Xiao/Chae</b>	<b>Stored beam &amp; occ. inj.</b>
<b>2200-2400</b>	<b>CPU AC study</b>	<b>Xiao</b>	<b>Stored beam &amp; inj.</b>
	<b>Wednesday, October 27, 2010</b>		
<b>0000-0200</b>	<b>CPU AC study</b>	<b>Xiao</b>	<b>Stored beam &amp; inj.</b>
<b>0200-0630</b>	<b>OPEN</b>		
<b>0630-0800</b>	<b>Prepare for User beam</b>	<b>OPS</b>	<b>Stored Beam &amp; Injection</b>